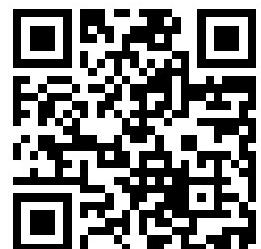

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FM 9-55X 3/4

AMMUNITION INSPECTOR

For Skill Levels 3 and 4

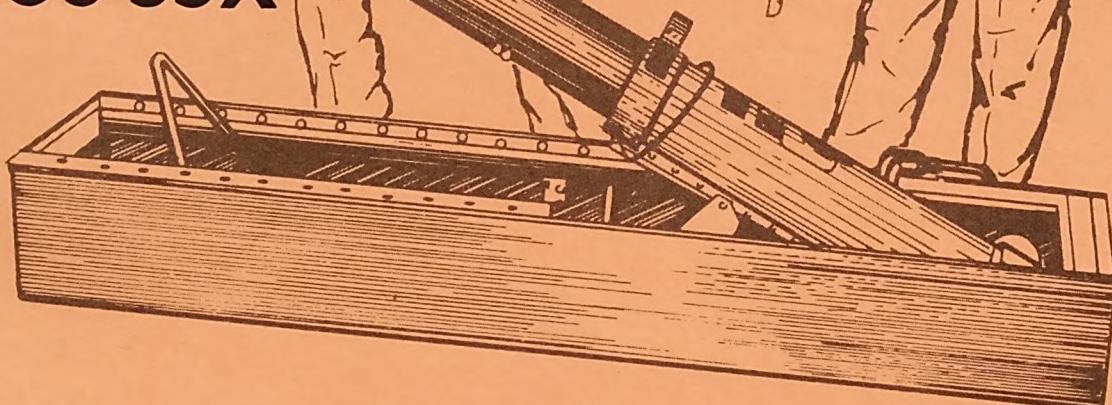
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MOS 55X



SOLDIER'S MANUAL

HEADQUARTERS, DEPARTMENT OF THE ARMY

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ATTENTION COMMANDER!

DISTRIBUTE THIS MANUAL
TO EACH SOLDIER IN MOS 55X
WHO IS AT SKILL LEVEL 3/4.

This Soldier's Manual is designed to tell the soldier what tasks must be performed in order to be MOS qualified at this skill level. By mastering the tasks in this manual, the soldier should progress readily according to individual aptitude and motivation.



Soldier's Manuals are designed on a modular system. Each skill level manual builds upon the other. Grade E1 through E4 should have Skill Level 1 and 2 manuals; Grade E5 should have Skill Level 1, 2 and 3 manuals; Grade E6 should have Skill Level 1, 2, 3 and 4 manuals; and Grades E7, E8 and E9 should have Skill Level 1, 2, 3, 4 and 5 manuals (as appropriate).

Initial distribution of Soldier's Manuals will be "pushed" down to unit level based on the assigned strength in the MOS. If you need more manuals for MOS study, libraries or other training needs, a DA Form 17 (Request for Publications) may be sent directly to the US Army Publications Center, 2800 Eastern Boulevard, Baltimore, Maryland 21220. If soldiers lose or destroy their individual Soldier's Manual, a replacement can be obtained by ordering directly from: Commandant, US Army Missile and Munitions Center and School, ATTN: ATSK-DS-AS-P, Redstone Arsenal, Alabama 35809. They should use the order blank provided.

This Soldier's Manual was prepared by the US Army Missile and Munitions Center and School.


E. A. Rudd
Colonel, Ordnance Corps
Commandant

RESERVE COMPONENT



ARMY NATIONAL GUARD – ARMY RESERVE

This page contains information for you, the Reserve Component soldier. This Soldier's Manual, as published, is representative of the critical tasks to be performed by the Active Army soldier in your MOS on equipment available in the Active Army inventory.

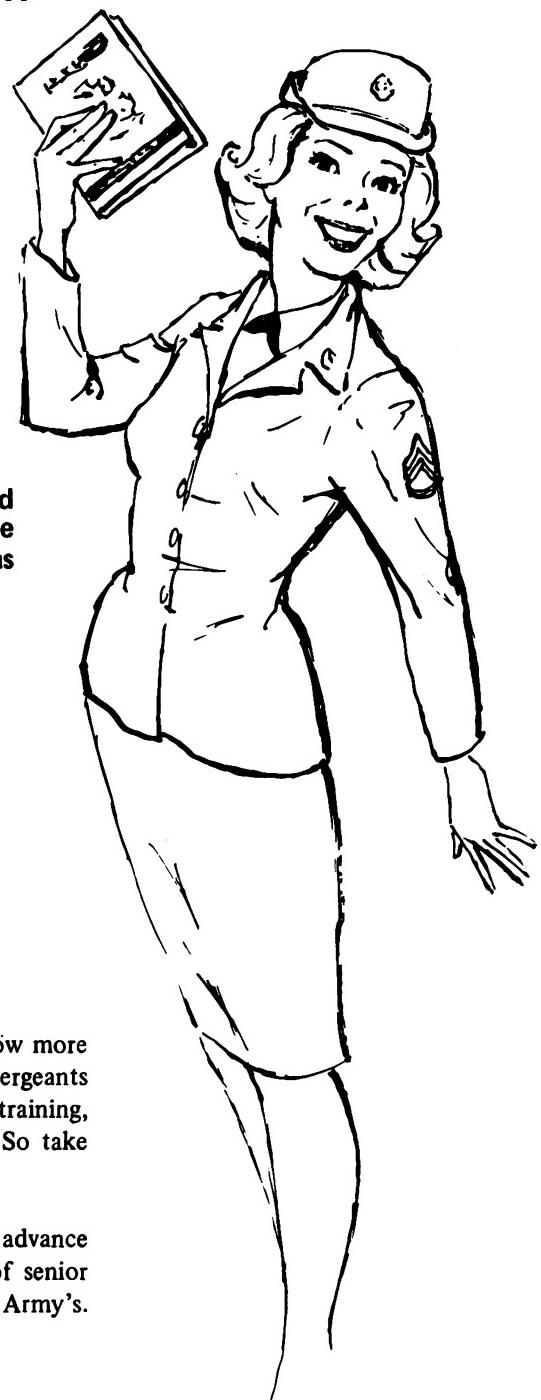
Most tasks in this manual apply to you without changes. Some tasks, however, may require modification due to different equipment, facilities and training time available to you.

By now, you are probably wondering why this special page. It is to inform you that due to time, this Soldier's Manual has not undergone the review process necessary to make it suitable to you, the Reserve Component soldier. In the meantime, you will be using this manual along with your Active Army counterpart. Future publications of Soldier's Manuals will undergo the necessary review process. This manual will be included in that review and if applicable, change sheets will be published and distributed to you.

Many tasks that you learned in Basic Combat Training (BCT) and Advanced Individual Training (AIT) are in this manual. But you are responsible for learning other critical tasks on your own. Training references/materials are available and can be provided to you through your unit. This is where your initiative comes into play. It is to your advantage to take the initiative NOW. Your performance in your duty position will be based on your ability to perform all the critical tasks for which you are accountable.

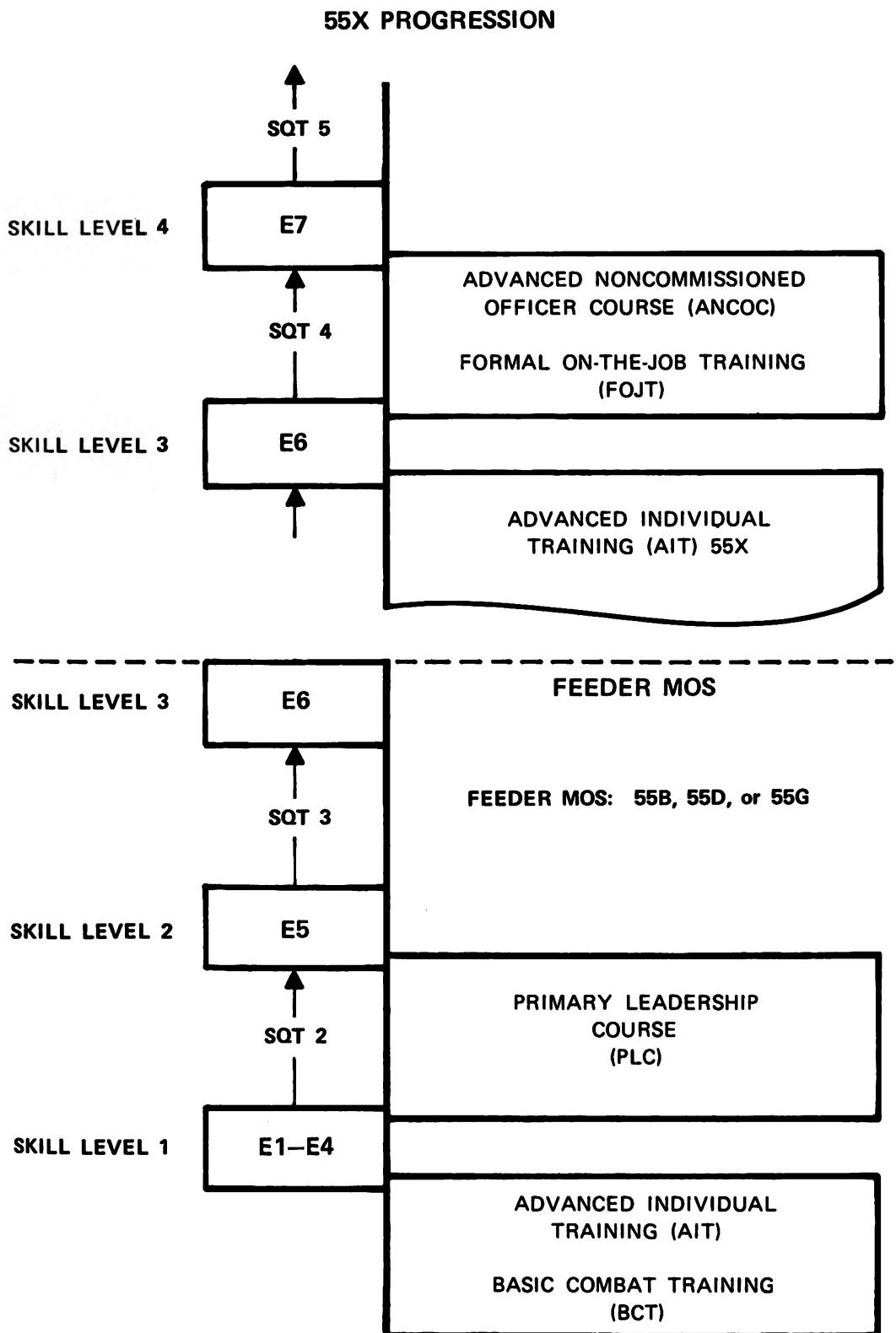
This is your Soldier's Manual...

This manual is for you. If you use this manual and the other training tools available to you, you will be successful in performing your job as a soldier and as a technician.



If you don't understand parts of this manual or want to know more about advancement opportunities, see your sergeant major. Sergeants major are experts in helping young soldiers learn about training, evaluation, and the system for getting ahead in the Army. So take advantage of their knowledge and experience.

The Army wants and needs well-trained soldiers who want to advance through the ranks. This manual and the willing assistance of senior NCO's are the tools you can use to your advantage and the Army's.



DISTRIBUTION OF SOLDIER'S MANUALS!

Soldier's Manuals will be shipped to the battalion level and then issued to you. For Reserve Components the number of Soldier's Manuals shipped will be based upon the assigned strength by MOS and Skill Level.

Training centers and schools that train soldiers will issue the Soldier's Manual to you when you graduate so you will have the manual when you join your unit. MOS Educational Centers will also be issued Soldier's Manuals for their reference libraries.

SOLDIERS' REQUESTS!

After issue you may request Soldier's Manuals directly from schools for the following reasons:

- Loss of original manual.
- You reach a new Skill Level and want to begin preparing for the next higher Skill Level and promotion.
- You are reclassified and need the Soldier's Manual for your new MOS.
- Other reasons. Tell why.

Use the order blank at Appendix C to order your Soldier's Manuals.

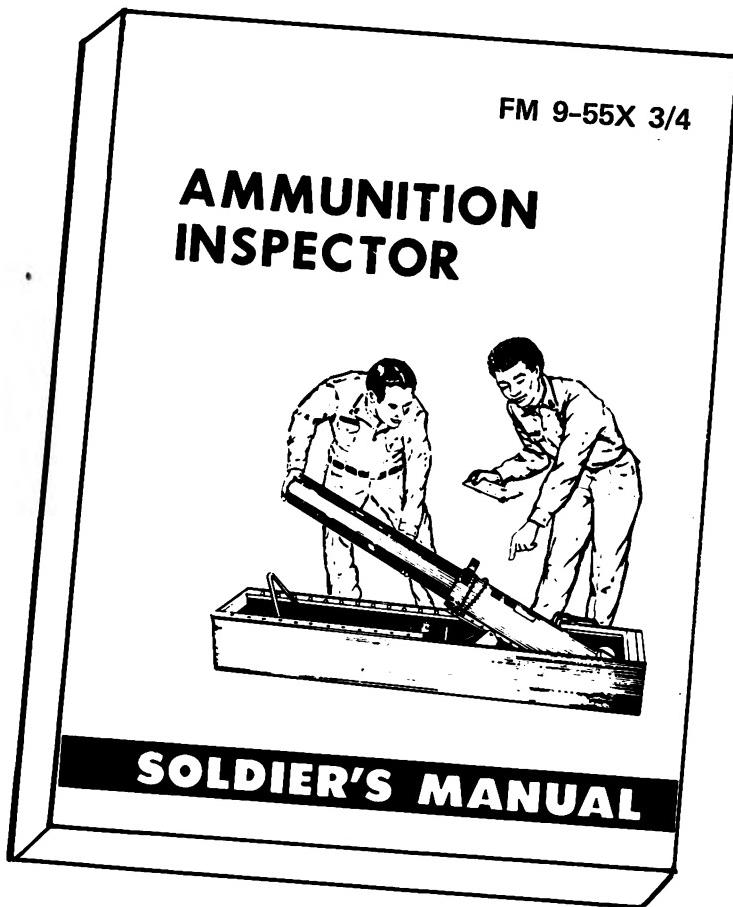
HEADQUARTERS
DEPARTMENT OF THE ARMY
Washington, D.C., 15 November 1977

TABLE OF CONTENTS

	PAGE	
CHAPTER 1	INTRODUCTION.....	1-1
CHAPTER 2	TASKS FOR SKILL LEVEL 3/4	
	TASK LIST FOR SKILL LEVEL 3.....	2-1
	TASKS FOR SKILL LEVEL 3.....	2-2
	TASK LIST FOR SKILL LEVEL 4.....	2-9
	TASKS FOR SKILL LEVEL 4.....	2-10
CHAPTER 3	ADDITIONAL TASKS FOR SELECTED DUTY POSITIONS FOR SKILL LEVEL 3/4	
	TASK LIST FOR SKILL LEVEL 3.....	3-1
	TASKS FOR SKILL LEVEL 3.....	3-6
	TASK LIST FOR SKILL LEVEL 4.....	3-325
	TASKS FOR SKILL LEVEL 4.....	3-329
APPENDIX A	REFERENCES.....	A-1
APPENDIX B	SAMPLE SQT NOTICE AND SCOREABLE UNIT.....	B-1
APPENDIX C	ORDER FORMS AND QUESTIONNAIRE.....	C-1

CHAPTER I

INTRODUCTION

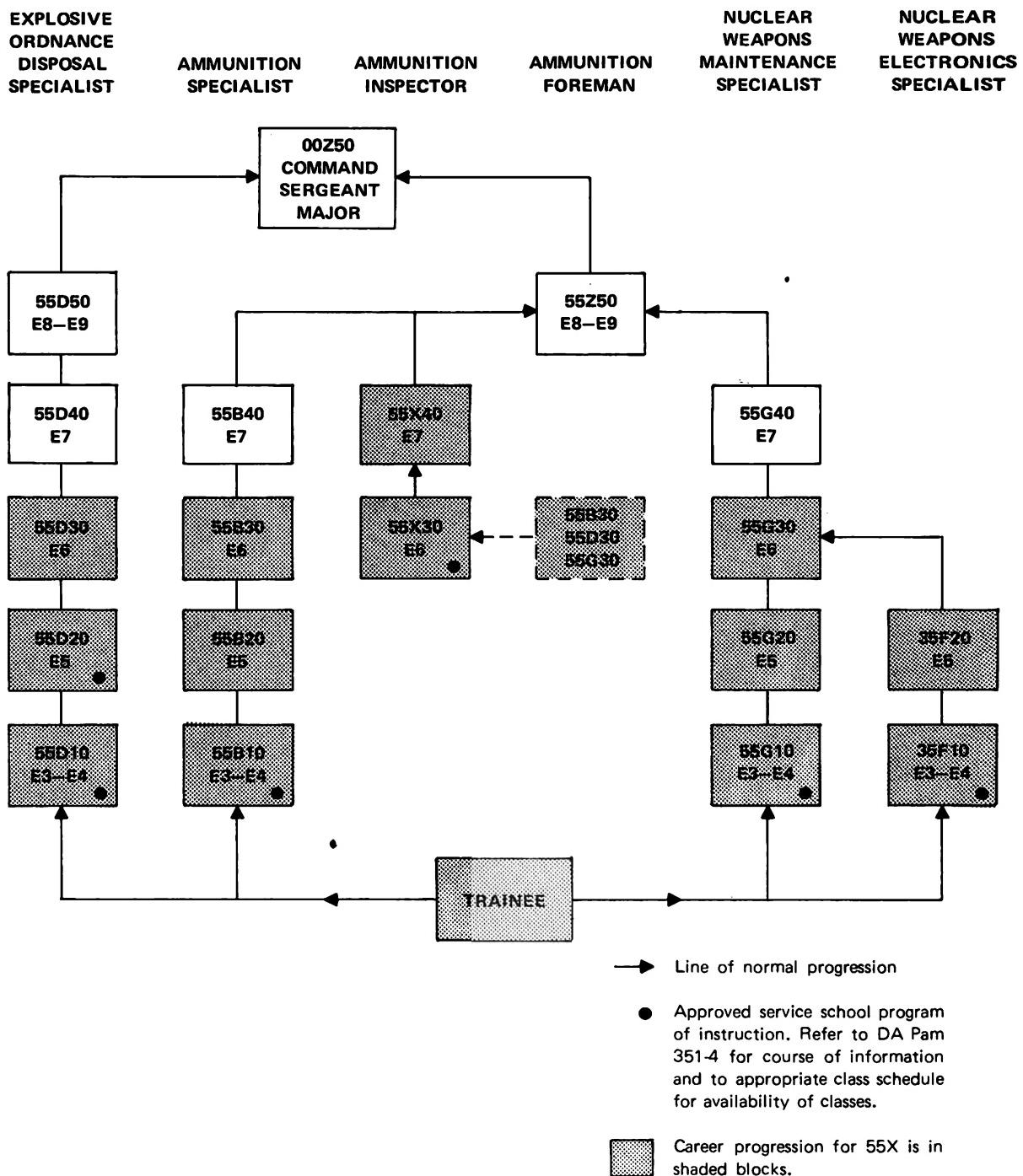


WHAT IS A SOLDIER'S MANUAL?

This Soldier's Manual doesn't have everything you should know or be able to do, but it does have those tasks that are critical to your success on the job. In addition to job tasks, this manual helps you reach your full potential and helps you have a rewarding career as a professional soldier.

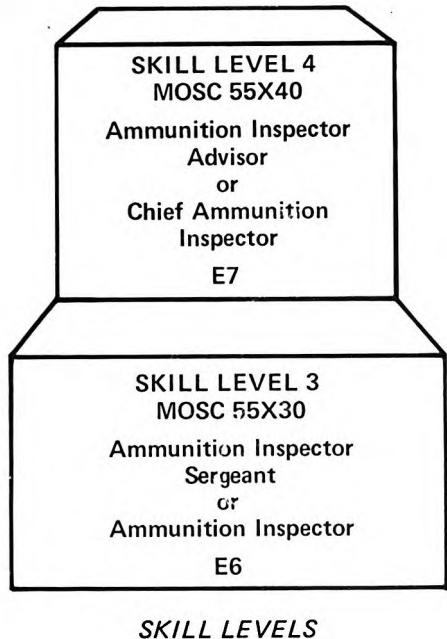
This manual should be kept in a three-ring binder. New or changed material will be identified by a star and sent to you to put in your manual.

CAREER MANAGEMENT FIELD—AMMUNITION (55)



As you know, your Military Occupational Specialty (MOS) is defined as a grouping of closely related jobs or duty positions.

Skill levels and duty positions for MOS 55X are shown in the diagram below. The chart on the facing page shows the normal career progression for MOS 55X.



FORMAL MOS 55X DUTIES

The following extract from Army Regulation 611-210, Enlisted Career Management Fields and Military Occupational Specialties, describes the duties for MOS 55X at each skill level.

MOSC 55X30: Conducts inspections and tests. Must be able to perform duties of a "30" skill level MOSC in CMF 55. Determines rate and degree of deterioration, and related safety hazards, as affected by conditions of storage, handling, and maintenance. Inspects ammunition handling operations and work areas. Evaluates safety

procedures and work quality. Recommends and implements corrective actions as necessary. Inspects incoming and outgoing ammunitions shipments and transportation equipment for presence of sabotage devices, correctness of contents, and compliance with instructions, regulations, and established safety procedures. Inspects magazines, storage sites, buildings, and surrounding areas to insure compliance with prescribed standards for ammunition storage and area safety. Performs in-storage ammunition monitoring procedures. Inspects operating lines, destruction sites, and other areas where ammunition or explosives are modified, renovated, demilitarized, salvaged, or destroyed to insure compliance with safety regulations. Inspects lightning protection systems. Serves as assistant technical advisor on ammunition surveillance and safety matters. Maintains and operates ammunition inspection area (surveillance workshop). Maintains files and drawings and specification indexes for ammunition, along with prescribed methods of storage and packaging. Selects ammunition samples for shipment to proving grounds or laboratories for ballistic and surveillance tests or investigations. Instructs in surveillance procedures and ammunition safety techniques. Initiates and files correspondence, records and reports on ammunition inspection activities. Performs function tests of selected ammunition items in accordance with standard surveillance inspection and test procedures. Inspects basic loads of ammunition and explosives at using units.

MOSC 55X40: Serves as principal advisor on ammunition surveillance and safety matters. Performs duties shown in preceding level of skill and provides technical guidance to lower grade personnel in accomplishment of these duties. Reviews safety requirements of all standing operation procedures and waivers of ammunition quantity distance in accordance with applicable regulations and procedures. Determines requirements for EOD services. Coordinates surveillance activities with civilian ammunition inspection channels.

WHAT IS IN YOUR SOLDIER'S MANUAL

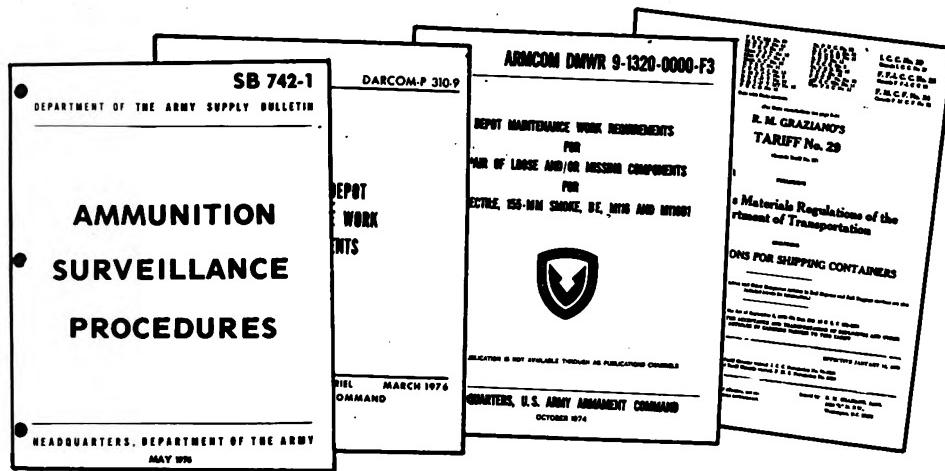
This manual contains common and specific tasks for Skill Levels 3 (green pages) and 4 (salmon pages) for 55X.

If you do not have the manual for Skill Levels 1 and 2 from your feeder MOS, order them (see app C).

At the beginning of chapters 2 and 3 of your Soldier's Manual, you will find a list of critical tasks. Following the list, you will find additional information for each task as shown below:

TASK	What you must be able to do.
CONDITIONS	The situation in which you must be able to do the task.
EQUIPMENT	Materials you need to do the task.
STANDARDS	How well or how accurately you must do the task.
PERFORMANCE MEASURES	What you have to know and do to finish the task.
REFERENCES	Training materials you can use to learn how to do the task.

There is a master list of aids and references in appendix A of this manual, and some are explained below:

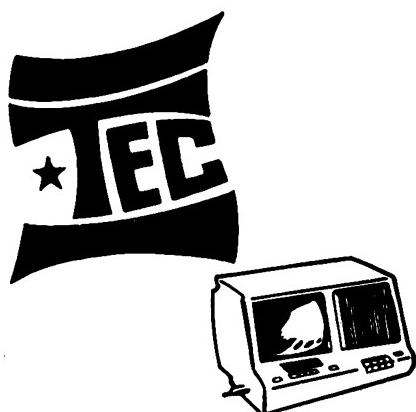


DA PUBLICATIONS

Department of the Army (DA) publications. These are documents and books (Army Training and Evaluation Programs, Field Manuals, Technical Manuals, and Training Circulars) that are distributed throughout the Army. They should be available in your unit. Changes to these publications are often made. You should be sure you have everything up-to-date.

TEC

Training Extension Course (TEC) lessons. TEC lessons help you improve your MOS and job proficiency. New lessons are being produced and should be available in your battalion. Check through your chain of command to see which TEC lessons are on hand.



US ARMY CORRESPONDENCE COURSE PROGRAM (ACCP)

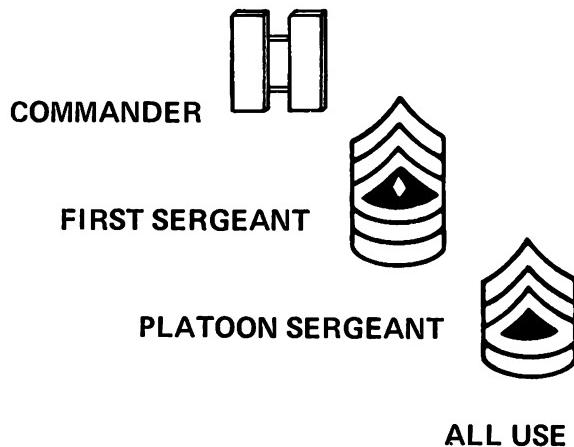


Correspondence Courses. These are self-study courses that, like the TEC lessons, are designed to assist you in improving your MOS and job proficiency. An enrollment application is included as a tear sheet in the back of this manual. To enroll in a course, complete the form and mail. Additional information about the correspondence course program can be obtained from the Correspondence Course Catalog, available in your orderly room, or by writing to:

Army Correspondence Course Program
(ACCP)
US Army Training Support Center
Newport News, VA 23628

YOUR MANUAL AND YOUR LEADERS

You are not the only one to use this manual -- Who else uses it?



How do they use it?

They use it to design and conduct your training. Their evaluation of your ability to do your job will be based on your performance of the tasks listed in this manual.

HOW TO USE YOUR SOLDIER'S MANUAL

At this point in your career, you have shown your ability to work efficiently at Skill Levels 1, 2 and 3 of your MOS (55B, 55G, or 55D) in addition to successfully completing the service school program of instruction for MOS 55X. You should now begin to use this Soldier's Manual to study, practice and master the tasks listed for Skill Level 3, 55X.

You should already be able to do some of these level 3 tasks. You learned some of them in Advanced Individual Training (AIT) and others while working on the job or while taking unit training. However, knowledge that is seldom used and skills that are seldom practiced are soon lost. It really doesn't matter where or when you first learned a task. The important question is - - How well can you do it now?

YOU CAN ASK FOR HELP

If you do not understand a particular task, ask your supervisor to explain it and to help you get the right study aids and references so that you can study and practice.

The senior NCO's and officers in your unit use your Soldier's Manual to help them plan your training and to evaluate your skills. Ask them for advice and assistance. They want to help.

When you are sure you have mastered all the Skill Level 3 tasks, go on to the Skill Level 4 tasks. Continue to study and practice until you have mastered all the tasks for both Skill Levels 3 and 4.

Once you have been promoted to E-7, you should master the Skill Level 5, MOS 55Z50, tasks. (Tasks for Skill Level 5 are published separately in FM 9-55Z5 and can be ordered using the form in app C.)

REMEMBER THESE TWO THINGS

1. To qualify for your next promotion, you must master the tasks for the grade you want as well as the tasks for the grade you are now.
2. As you get to higher skill levels, you are responsible for all tasks for lower skill levels and for training soldiers at all lower skill levels.

ENLISTED EVALUATION SYSTEM

The enlisted system operates to evaluate your ability to do the job, your attitude toward your job, and your potential for advancement in grade and responsibility.

Since you have already reached the grade of E6, you will have to take a formal test called the Skill Qualification Test (SQT) 4 for your MOS. (Attached at appendix B is a sample SQT test.) This test measures your ability to perform selected critical tasks for Skill Levels 3 and 4. Master the tasks in your Soldier's Manual and you will be prepared for your SQT. Remember, you also need to know the common tasks of Skill Level 1/2 of your feeder MOS.

You will be required to take an SQT at least once every 2 years. However, if you want to try for a higher score, you can take the test again after 1 year. If 55X is your secondary MOS, you will be tested every 5 years. The exact dates for your SQT will be announced by your unit.

YOUR SQT SCORE PUTS YOU IN ONE OF THREE GROUPS

SQT 4 will be the first SQT you will take after you have been promoted to grade E6 and awarded MOS 55X. It will sample your ability to do both Skill Level 3 and Skill Level 4 tasks. After your SQT has been scored and analyzed, you will be given a detailed SQT report that will explain your score. It will also tell you how your score compares with the scores of all other soldiers in your grade and MOS. Your score will place you in one of the three major groups:

1. If you get a high enough score, you will be eligible for the award of Skill Level 4, and you will have taken a giant step toward being promoted to E7.
2. If you get a minimum passing score, "GO", (not enough to qualify for Skill Level 4), you will be able to keep Skill Level 3 in your MOS. You will then be able to retake the SQT 1 year later, in order to be eligible for promotion.
3. If you fail to get a minimum passing score, "NO GO", after a second try, you may not be able to reenlist, and you may be subject to other personnel actions such as reclassification to a different MOS or even discharge from the Army.

Once you have been awarded Skill Level 4, you should immediately set your sights on Skill Level 5. Prepare yourself for SQT 5 by mastering the Skill Level 5 tasks and by keeping up on the tasks for Skill Levels 3 and 4.

Keep two things in mind about SQT's:

- Your next SQT is aimed one skill level higher than your present skill level.
- Regardless of your grade and skill level, you are still responsible for either performing or supervising the tasks required at all lower skill levels.

SQT'S MAY HAVE THREE PARTS

Your SQT may have three parts: Hands-on, written, and performance certification. All parts are based on the tasks listed in your Soldier's Manual and sample how you do those tasks.

1. The hands-on part of your SQT tests how you do selected tasks on the actual piece of equipment or on a training device that simulates the actual equipment.
2. The written part of your SQT tests your ability to answer written questions about selected tasks.
3. The performance certification part of your SQT requires your commander to certify that you have recently performed selected tasks to the required standards.

About 60 days before your SQT, you will receive an SQT notice that will identify the tasks to be tested and explain how they will be tested.

Your SQT takes no more than 8 hours -- no more than 4 hours for the hands-on part (if used) and no more than 4 hours for the written part.

YOUR SENIOR ENLISTED EVALUATION REPORT COUNTS, TOO

The other part of the enlisted evaluation system is your Senior Enlisted Evaluation Report (SEER). The SEER is used by your supervisor to report information about your duty performance that can't be measured by the SQT. Your attitude toward your job, how well you work with others as a team member, and your leadership ability are some things that are rated. Basically, if you get along with others and do your job satisfactorily, your SEER's will be good.

SQT AND SEER DETERMINE YOUR CAREER

Your SQT score is your enlisted evaluation score. Your SEER average is a separate score. Together they determine the course of your Army career. They are used to compare you with all other soldiers in the

Army having the same MOS, skill level, and pay grade. They determine your eligibility for:

- Retention in the Army.
- Retention of your present MOS and skill level.
- Award of the next higher skill level in your MOS.
- Consideration for promotion to the next higher grade.
- Reclassification into a different MOS.
- Reenlistment.
- Military and civilian schooling.

SUMMARY

Your Soldier's Manual gives you the basic information of interest to you and the Army: the critical tasks that you must be able to do to be a successful soldier. Follow the steps below and you will step up to promotion.

STEP ONE.....Keep your Soldier's Manual in a three-ring looseleaf binder.

STEP TWO.....Know your MOS, skill level, and duty position.

STEP THREE...Go to the right sections of your Soldier's Manual to find the critical tasks that you must master.

STEP FOUR....Study and practice the critical tasks using the references listed until you are sure you have mastered them. Ask your senior NCO's and officers for help.

STEP FIVE....Once you have mastered the critical tasks for your present MOS and skill level, prepare for your SQT by studying and practicing the critical tasks for the next higher skill level. Remember, your SEER counts, too.

If you follow the above steps, you will be able to progress up through a logical, challenging, and rewarding Army career.

SAFETY CHECK LIST

ELECTRICAL SHOCK MAY KILL YOU. Be sure power is off before you work on electrical equipment. If you must work on energized equipment, never work alone.

1. Where grounding of tools and equipment is required, test the ground and have it passed prior to beginning operations. All conductive parts of equipment should be grounded to a maximum of 25 ohms unless 10 ohms are required for lightning protection. Make sure the supervisor in charge of operation checks the ground connections for tightness to assure adequate grounding of equipment and personnel.
2. Place all electric extension cords or other extension lines so they are protected against being trucked or walked over.
3. Do not use light fixtures other than explosive-proof fixtures within 20 feet of spray paint operations.
4. If there is an electrical storm, follow procedures as outlined in TM 9-1300-206.

A DISORDERLY WORK AREA IS UNSAFE AND INEFFICIENT. Make sure your work area bay is clear of loose equipment, tools, trash, and flammable substances. Keep tools and equipment in the proper locations when not using them.

1. Make sure exits or doorways are not blocked by carriers, trailers, etc.
2. Make sure operators lifting material observe proper and safe hand holds, avoid sharp objects, and assume proper lifting positions.
3. Make sure workers in the area have access to exits.
4. Make sure only qualified licensed operators operate forklifts.
5. If a piece of equipment malfunctions, cease operations immediately and notify supervisory personnel.

6. Inspect all scrap material from operations (old tape, cartons, paper, fiber containers, boxes, etc.) before loading it on carrier for transfer to salvage or burning ground. Do this to assure that no explosive contamination or live ammunition is present. The foreman or supervisor certifies that the items are free from explosive contamination.
7. Dispose of empty pressurized cans in accordance with (IAW) TM 9-1300-206.
8. Space items on a conveyor IAW table 5-1, TM 9-1300-206.
9. Carry on regular program of cleaning for maintaining safe conditions as during hazardous operation. Explosives and ammunition should be removed from the building prior to general cleaning operations when it's practical.
10. Keep up general good housekeeping all the time.

SPARKS, OPEN FLAMES, OR UNAPPROVED SOURCES OF POSSIBLE IGNITION CLOSE TO EXPLOSIVES COULD CAUSE SERIOUS DAMAGE. Do not permit such sources in the maintenance area.

1. Post and enforce all explosive and personnel limit signs. When more than one operation is performed in the bay, post only one personnel and explosive limit sign; it will include all personnel and explosives assigned in the bay. The supervisor has complete authority to stop the operation if personnel explosive limit or SOP have been violated. Do not resume operation until corrective action has been taken.
2. Make sure tools used in operating bays with exposed explosives are made of spark-resistant materials.
3. Post the applicable fire symbol on each end of operating building and on each adjacent operation as required.
4. Always keep fire fighting equipment handy.
5. Do not handle explosives roughly. Do not throw them about or let them be tumbled, rolled, walked over other explosives or ammunition, or handled in any manner that might cause a fire or explosion.
6. Do not use forklift trucks in handling fuzed ammunition items - unless the item is packed in an approved manner for safe shipment (complying with DARCOM and DOT regulations).
7. At unpacking operations inspect all ammunition and explosive components for correct identification and for evidence of excessively deteriorated,

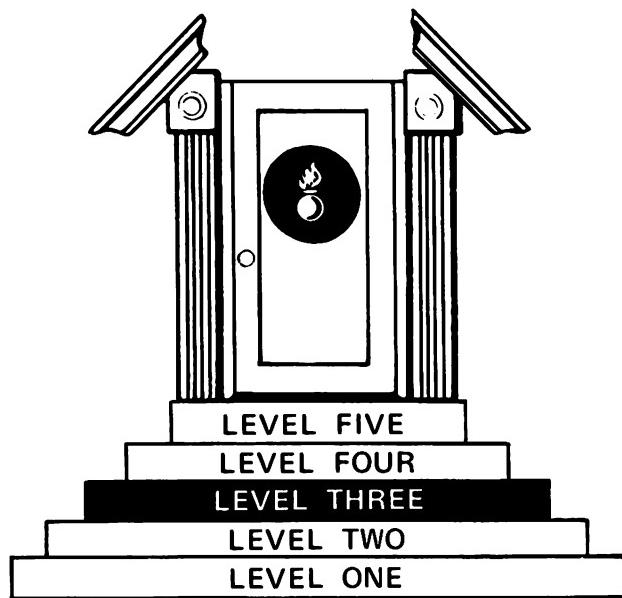
damaged, or missing components, which render the ammunition unsafe to handle or process in normal manner. Transfer hazardous items immediately to a demolition pit.

USE COMMON SENSE.

- The foreman and operators will sign a locally produced form certifying they understand the operation, and the form will be posted in a conspicuous place where the operation is being conducted. The certificate will also include the signatures of any fill-in personnel.
- This safety check list is published to supplement regulations and does not necessarily contain all the pertinent facts in a regulation. So, don't use this check list as an authority to deviate from any part of a regulation.

**VIOLATION OF SAFETY PROCEDURES
WILL RESULT IN A NO-GO RATING
WHEN YOU ARE TESTED ON A TASK**

SKILL LEVEL 3



STEP UP TO PROMOTION

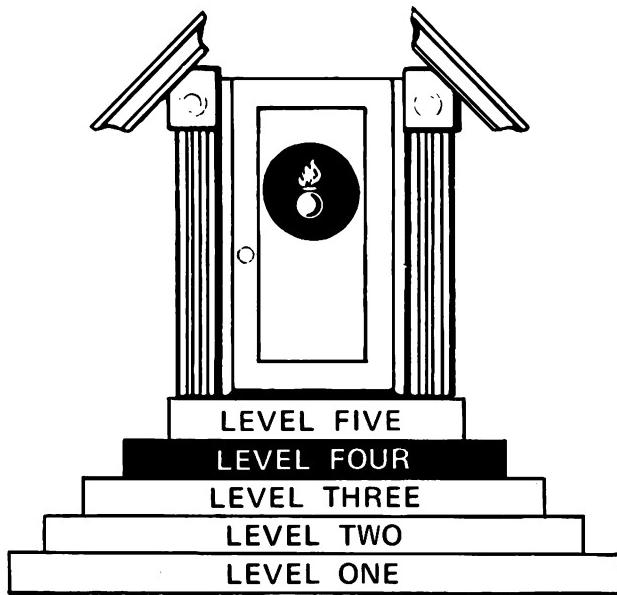
Skill Level 3 tasks are those critical tasks selected to measure your ability to conduct inspections and tests that determine serviceability of conventional and non-nuclear special ammunition, ammunition components, and related package materials.

The tasks you must master to retain Skill Level 3 are in chapters 2 and 3 of this Soldier's Manual. You will find a list of tasks and task numbers at the beginning of each chapter.

The next SQT you take will be SQT 4. Since most of the questions on this test are from tasks in Skill Level 3, you must keep up your mastery of them. The rest of the questions are from tasks in Skill Level 4, so you need to study them, too.

FM 9-55X 3/4

SKILL LEVEL 4



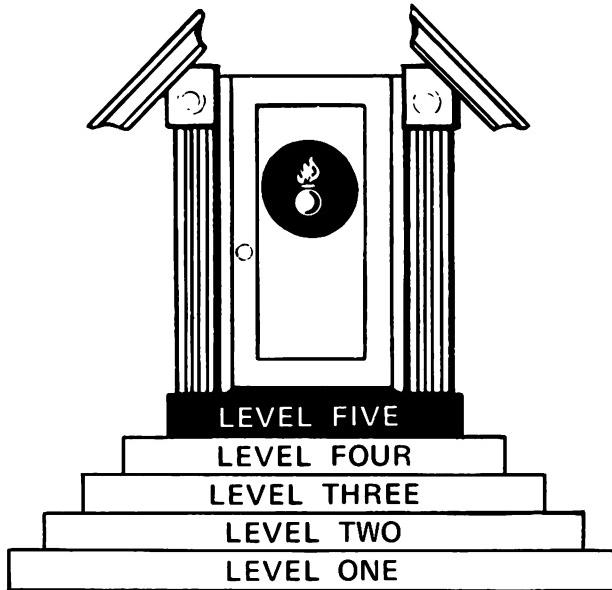
STEP UP TO PROMOTION

At Skill Level 4, you will find that your duties are more complex and demand increased skills and knowledge. As a sergeant first class, you will be assigned as chief ammunition inspector or ammunition inspector advisor. Remember, in these duty positions, you serve as a principal advisor on ammunition surveillance and safety matters.

The next step in your career is to qualify for Skill Level 5 in MOS 55Z. To reach this goal, you have to request all the materials listed as study references under each Skill Level 4 job task in chapters 2 and 3 of this soldier's manual and the tasks in the FM 9-55Z5 manual. There is a list of tasks and task numbers at the beginning of each chapter. How to get the various study materials and references is explained earlier in this chapter. To order the 55Z manual, use the order blank in appendix C.

FM 9-55X 3/4

SKILL LEVEL 5



STEP UP TO PROMOTION

E8 is the first step in MOS 55Z. Your promotion to E9 depends on your SEER.

AR 611-201 describes the duties of an Ammunition Foreman 55Z50 as follows:

Must be able to perform the duties of a "4" Skill Level MOSC in CMF 55.

Supervises and advises on conventional and special ammunition service support operations.

Serves as operations sergeant or principal NCO on receipt, issue, classification, storage, surveillance, maintenance, disposition, and decontamination of conventional and nuclear and non-nuclear special ammunition operations.

Supervises or advises on ammunition packing and rigging loads for movement by all types of transportation.

Inspects operations and area to evaluate safety and efficiency of work.

Institutes corrective action.

Assists in surveying allotted areas for establishment of ammunition installations including administrative areas.

Lays out and evaluates facilities for ammunition storage operations.

Recommends employment of technical assistance teams.

Plans requirements for labor, equipment, and supplies.

Instructs in application of work policies and procedures.

Assists in preparation of plans, policies, and procedures.

Prepares or reviews evaluations and reports on operational training matters.

Analyzes ammunition stock with automatic data processing (ADP) assistance.

Supervises ammunition-related ADP operations.

Performs principal noncommissioned officer duties associated with SQI "M."

If you haven't ordered your FM 9-55Z5 Soldier's Manual yet, do it now using the order blank in appendix C.

CHAPTER 2

TASKS FOR SKILL LEVEL 3

Ammunition Inspector

TASK NUMBER	TASK TITLE	PAGE
093-55M-3001	Prepare Draft Military Correspondence.....	2-2
093-55M-3002	Control Classified Material.....	2-3
093-55M-3003	Maintain Publications.....	2-4
093-55M-3004	Review TAMMS Records/Reports.....	2-5
093-55M-3005	Prepare Standing Operating Procedures (SOP).....	2-6
093-55M-3006	Conduct Formal On-the-Job Training (FOJT) of Section Personnel.....	2-8

**TASK 093-55M-3001
PREPARE DRAFT MILITARY CORRESPONDENCE**

CONDITIONS

As an ammunition inspector, you have been told to prepare and assemble several types of military correspondence. Do this task in an area with good lighting and overhead cover. Required forms and AR 340-15 will be used.

EQUIPMENT

Paper and pencils.

STANDARDS

Do performance measures (PM's) correctly as you prepare and assemble draft correspondence in accordance with (IAW) chapters 2, 3, 4 and 6, AR 340-15. Use AR 340-15 for correspondence formats.

PERFORMANCE MEASURES

1. Determine proper type of correspondence to prepare.
2. Prepare draft copy of correspondence as given below:
 - a. DA Form 571 (Telephone or Verbal Conversation Record) (fig 4-2, AR 340-15).
 - b. Military letter (fig 6-1 thru 6-12, AR 340-15).
 - c. Indorsement to military letter (fig 6-13 thru 6-19, AR 340-15).
 - d. DA Form 2469 (Disposition Form) (fig 6-28 thru 6-36, AR 340-15).
3. Assemble draft correspondence (fig 6-39 thru 6-41, AR 340-15).
4. Give completed draft correspondence to your supervisor.

REFERENCES

AR 340-15.

TASK 093-55M-3002
CONTROL CLASSIFIED MATERIAL

CONDITIONS

You are an ammunition inspector. Your commander has appointed you custodian of classified material and has told you to control it. You will have DOD Reg 5200.1-R, AR 380-5, and blank forms to use. You will usually do this task at the surveillance office.

EQUIPMENT

Field safe or equivalent, appropriate rubber stamps, stamp pad, paper, pencil and ballpoint pen.

STANDARDS

Do PM's correctly IAW DOD Reg 5200.1-R and AR 380-5 as supplemented by command directives while you control classified material. You must follow security rules.

PERFORMANCE MEASURES

1. Review Document Register to make sure all documents are properly identified and accounted for (para 2-36, AR 380-5).
2. Review document destruction certificates to make sure destroyed documents have been properly identified and destroyed in the presence of a witness (para 2-43, AR 380-5).
3. Make sure that documents are reviewed for downgrading and remarked as required (chap III, DOD Reg 5200.1-R).
4. Inventory documents as required (para 2-36, AR 380-5).
5. Be sure that documents are properly secured and accounted for at all times (para 2-36, AR 380-5).
6. Monitor preparation of DA Form 3964 for transmission of classified documents (para 2-42, AR 380-5).
7. Monitor preparation and use of DA Form 727 (para 2-17, AR 380-5).
8. Monitor placement and use of DA Form 672 (para 2-19, AR 380-5).
9. Monitor preparation or prepare DA Form 3964 for destruction of classified documents (para 2-43, AR 380-5).
10. Report exceptions to the security officer.

REFERENCES

DOD Reg 5200.1-R; AR 380-5; TM 39-0-1A; Subcourse AG 0033 and command directives.

**TASK 093-55M-3003
MAINTAIN PUBLICATIONS**

CONDITIONS

As an ammunition inspector, you have been told by your supervisor to maintain the section's publications. Do this task when told or whenever you get new publications, revisions or changes. Do this task in the surveillance office. You will be able to use AR 310-2; DA PAM 310-1, DA PAM 310-10, DA PAM 310-13; DA Form 12 series, DA Form 17 and DA Form 410.

EQUIPMENT

Ballpoint pen.

STANDARDS

Do PM's correctly IAW chapter 3, AR 310-2; DA PAM 310-1, paragraphs 10, 17, 18, 21 and 22, DA PAM 310-10, and DA PAM 31 as you maintain publication.

PERFORMANCE MEASURES

1. Establish or review publication account (para 3-6 and 3-8, AR 310-2).
2. Prepare or review DA Form 12 series for pinpoint distribution (para 3-7 and 3-10, AR 310-2, and DA Pam 310-10).
3. Prepare DA Form 17 (Requisition for Publications) when publications you want are not received through pinpoint distribution.
4. Control sensitive forms (para 3-23c, AR 310-2).
5. Notify publication centers of change of status, address, designation, etc.

REFERENCES

AR 310-2; DA PAM 310-1, DA PAM 310-10, DA PAM 310-13 and Subcourse AG 0021.

TASK 093-55M-3004
REVIEW TAMMS RECORDS/REPORTS

CONDITIONS

You are an ammunition inspector, and your supervisor has told you to review all the TAMMS records and reports in your section to be sure they are properly prepared and maintained. You will usually do this task at the surveillance office. You will be able to use TM 38-750 and equipment manuals.

EQUIPMENT

Paper, ballpoint pen and pencil.

STANDARDS

Do PM's correctly IAW TM 38-750.

PERFORMANCE MEASURES

1. Research records/reports requirement for all equipment listed on unit TOE or other authorization documents (chap 2 thru 6).
2. Check to be sure required TAMMS records/reports are being used.
3. Review TAMMS records/reports being used to make sure they are correctly prepared.
4. Check to be sure that TAMMS records/reports are distributed and/or filed on a timely basis (TM 38-750 and command directives).

REFERENCES

TM 38-750, Subcourse OD 0914 and equipment manuals.

**TASK 093-55M-3005
PREPARE STANDING OPERATING PROCEDURES (SOP)**

CONDITIONS

You are an ammunition inspector assigned to the surveillance section and have been told to prepare an SOP. You will do this task in the surveillance office. FM 9-38, FM 9-59; TM 9-1300-206; SB 742-1, and related AR's, FM's, TM's, SB's, MIL-STD's MIL-SPEC's, ammunition drawings and command directives related to the SOP being written will be used.

EQUIPMENT

Paper and pencil.

STANDARDS

Do PM's correctly IAW FM 9-38, FM 9-59, TM 9-1300-206, SB 742-1 and publications relating to the subject of the SOP.

PERFORMANCE MEASURES

NOTE: Do PM's 1 thru 4 before you write the SOP.

1. Find out which references cover the subject to the SOP.
2. List important parts of the subject to be covered by the SOP.
3. Analyze how the task(s) to be covered by the SOP is being done now.
4. Talk with those responsible for the operation or task to be covered to get their ideas and opinions.

NOTE: Do PM's 5 thru 13 as you prepare the SOP.

5. Write the purpose of the SOP.
6. State who will be using the SOP.
7. Prepare a list of definitions including any terms, words, abbreviations, and so on, which may not be familiar to everyone who will work with the SOP.
8. Prepare a list of references.
9. List any SOP rescinded or superseded by the SOP being written.
10. State how the task or operation will be done.
11. State the responsibilities of all personnel by their job titles or positions.
12. Write the general safety precautions and procedures to be followed by everyone during the task or operation.

TASK 093-55M-3005 (Continued)

13. Write a step-by-step account of the actions to take place and include safety precautions necessary for a particular step.
14. Review the SOP for completeness and accuracy. Be sure the SOP is written simply, using short, declarative sentences.
15. Send the SOP to the chief ammunition inspector for approval.

REFERENCES

FM 9-6, FM 9-19, FM 9-38, FM 9-59; TM 9-1300-206, TM 9-1300-250; SB 742-1 and related AR's, FM's, TM's, SB's MIL-STD's, MIL-SPEC's, ammunition drawings, and command directives.

TASK 093-55M-3006

CONDUCT FORMAL ON-THE-JOB TRAINING (FOJT) OF SECTION PERSONNEL

CONDITIONS

You are an ammunition inspector assigned to a surveillance section and have been told to conduct the FOJT for a specific task decided by the chief ammunition inspector. Do this task in a suitable area of the ammunition activity. You will be able to use FM 21-6.

EQUIPMENT

Clipboard, ballpoint pen and necessary equipment and materials.

STANDARDS

Do PM's IAW FM 21-6. Follow all safety rules.

PERFORMANCE MEASURES

1. Review training materials to decide training objectives.
2. Coordinate training resources, aides, and devices necessary for effective instruction.
3. Study instructional material for sequence and method of instruction (simple to complex).
4. Present instruction.
5. Conduct a practical exercise to test training effectiveness.

REFERENCE

FM 21-6.

CHAPTER 2

TASKS FOR SKILL LEVEL 4

Ammunition Inspector Advisor and Chief Ammunition Inspector

TASK NUMBER	TASK TITLE	PAGE
093-55M-4001	Counsel Subordinates on Personal Affairs and Problems.....	2-10
093-55M-4002	Recommend Individual for Favorable Personnel Action.....	2-11
093-55M-4003	Recommend Individuals for Unfavorable Personnel Action.....	2-12

TASK 093-55M-4001

COUNSEL SUBORDINATES ON PERSONAL AFFAIRS AND PROBLEMS

CONDITIONS

You will have to counsel subordinates who have asked for advice about personal affairs and problems or who require counsel as a result of unfavorable correspondence or performance. During this task you will be given help if you want it. This task will normally be done in an office.

EQUIPMENT

None.

STANDARDS

Do each performance measure (PM) correctly in accordance with (IAW) DA Pam 608-2 and chapter 3, FM 22-101.

PERFORMANCE MEASURES

1. Prepare for counseling.
2. Conduct counseling session.
3. Summarize counseling session.
4. Record counseling session.
5. Perform follow-up action.

REFERENCES

DA Pam 608-2 and FM 22-101.

TASK 093-55M-4002

RECOMMEND INDIVIDUAL FOR FAVORABLE PERSONNEL ACTION

CONDITIONS

You must, orally or in writing, recommend a person for favorable personnel action. You will be given help if you want it. You may do the task in any work area. AR 600-200 and AR 672-5-1 will be used.

EQUIPMENT

Ballpoint pen.

STANDARDS

Do PM's correctly IAW chapters 5 thru 8, AR 600-200, and AR 672-5-1, section II. You will be evaluated on the completeness, accuracy and content of the recommended personnel action. If you have to write a summary, you will be evaluated on format and/or completeness of forms and records.

PERFORMANCE MEASURES

1. Evaluate actions of the individual.
2. Recommend promotion.
3. Recommend award(s).
4. Write letter of appreciation.
5. Follow-up.

REFERENCES

AR 600-200 and AR 672-5-1.

TASK 093-55M-4003

RECOMMEND INDIVIDUALS FOR UNFAVORABLE PERSONNEL ACTION

CONDITIONS

As a noncommissioned officer you will have to submit recommendations for unfavorable personnel actions. You will be provided help as you need it. This task may be done in any Army command. AR 27-10, AR 600-200, AR 601-80, AR 635-212; Uniform Code of Military Justice (UCMJ); DA Pam 600-8 and FM 22-100 will be used.

EQUIPMENT

Ballpoint pen.

STANDARDS

Do PM's correctly IAW AR 27-10, AR 600-200, UCMJ, DA Pam 600-8, and FM 22-100. You will be evaluated on how complete and accurate your report is. Personnel actions must be IAW all existing regulations and must describe the action recommended in clear, short terms.

PERFORMANCE MEASURES

1. Evaluate actions of personnel.
2. Recommend administrative action.
3. Recommend disciplinary action.

REFERENCES

AR 27-10, AR 600-200, AR 601-80, AR 635-212; UCMJ; DA Pam 600-8 and FM 22-100.

CHAPTER 3

ADDITIONAL TASKS FOR SELECTED DUTY POSITIONS

SKILL LEVEL 3

AMMUNITION INSPECTOR

TASK NUMBER	TASK TITLE	PAGE
PERFORMING ADMINISTRATIVE DUTIES		
093-55X-3101	Prepare Ammunition Surveillance Inspection Report (ASIR)	3-6
093-55X-3102	Prepare DA Form 3022-R, [Army Depot Surveillance Record (DSR) Card]	3-9
093-55X-3103	Maintain DA Form 3022-R, [Army Depot Surveillance Record (DSR) Card]	3-11
093-55X-3104	Prepare DA Form 3782, (Suspended Notice)	3-13
093-55X-3105	Prepare Ammunition Condition Code Status Change Using DA Form 3151-R (Ammunition Stores Slip).....	3-14
093-55X-3106	Prepare Ammunition Condition Code (ACC) Status Change Using DA Form 4508 (Ammunition Transfer Record)	3-15
093-55X-3107	Process a Temporary Suspension	3-16
093-55X-3108	Process a Status Change of a Suspension from Temporary to Permanent	3-18
093-55X-3109	Process a Restriction Notification	3-20
093-55X-3110	Process a Notification of Release from Suspension	3-22
093-55X-3111	Process Notification of Release from Suspension for Item Requiring a Test to Determine True Condition	3-24
093-55X-3112	Verify Serviceability of Items Listed on Ammunition Supply Document	3-26
093-55X-3113	Prepare Ammunition Inspection and Lot Number Report ..	3-27
093-55X-3114	Prepare DA Form 984 (Munitions Surveillance Report)...	3-28
093-55X-3115	Prepare DA Form 2415 [Ammunition Condition Report (ACR)]	3-30
093-55X-3116	Prepare Request for Waiver of Explosive Safety Standards	3-31
093-55X-3117	Prepare SF 361 (Discrepancy in Shipment Report) for a Damaged Shipment	3-32
093-55X-3118	Prepare SF Form 368 (Quality Deficiency Report)	3-33
093-55X-3119	Prepare DD Form 6 (Packaging Improvement Report)	3-35
093-55X-3121	Prepare DD Form 836 (Special Instructions for Motor Vehicle Drivers)	3-37
093-55X-3122	Maintain DD Form 3023 (Gage Record)	3-38
093-55X-3123	Maintain DD Form 1650 (Ammunition Data Card)	3-39
093-55X-3124	Prepare DA Form 3524-R (Trace Function Test Report)...	3-40

TASK NUMBER	TASK TITLE	PAGE
INSPECTING STORAGE FACILITIES		
093-55X-3151	Inspect Empty Munition Storage Buildings for Serviceability	3-42
093-55X-3152	Inspect Storage Buildings Containing Munitions for Compliance with Established Standards	3-44
093-55X-3153	Inspect Outside Storage Sites Containing Munitions for Compliance with Established Standards	3-46
INSPECTING TRANSPORTATION OPERATIONS		
093-55X-3201	Perform Motor Vehicle Inspection Prior to Loading Munitions Using DD Form 626 (Motor Vehicle Inspection)	3-48
093-55X-3202	Inspect Motor Vehicle Loaded with Munitions Prior to Release Using DD Form 626 (Motor Vehicle Inspection)..	3-49
093-55X-3203	Inspect Incoming Motor Vehicle Loaded with Munitions Using DD Form 626 (Motor Vehicle Inspection)	3-50
093-55X-3204	Inspect Railroad Car Prior to Loading Munitions	3-51
093-55X-3205	Inspect Railroad Car Loaded with Munitions Prior to Release for Compliance with Safety Standards	3-52
093-55X-3206	Inspect Incoming Railroad Car Loaded with Munitions for Compliance with Safety Standards	3-54
093-55X-3207	Inspect MILVAN Containers Prior to Loading with Munitions for Compliance with Established Standards ..	3-55
093-55X-3208	Inspect MILVAN Containers Loaded with Munitions for Compliance with Safety Standards	3-56
093-55X-3209	Inspect Munitions Prepared for Air Shipment.....	3-57
INSPECTING MUNITIONS HANDLING OPERATIONS		
093-55X-3251	Inspect Munitions Handling Operations for Compliance with Safety Standards	3-58
PERFORMING INSPECTIONS OF MUNITIONS		
093-55X-3301	Perform Initial Receipt Inspection of Small Arms Ammunition	3-61
093-55X-3302	Perform Receipt Inspection of Small Arms Ammunition ..	3-64
093-55X-3303	Perform Periodic Inspection of Small Arms Ammunition..	3-67
093-55X-3304	Perform Pre-issue Inspection of Small Arms Ammunition.	3-70
093-55X-3305	Perform Special Inspection of Small Arms Ammunition...	3-73
093-55X-3306	Perform Initial Receipt Inspection of Artillery Ammunition	3-76
093-55X-3307	Perform Receipt Inspection of Artillery Ammunition ...	3-79
093-55X-3308	Perform Periodic Inspection of Artillery Ammunition ..	3-82

TASK NUMBER	TASK TITLE	PAGE
093-55X-3309	Perform Pre-issue Inspection of Artillery Ammunition...	3-85
093-55X-3310	Perform Special Inspection of Artillery Ammunition	3-88
093-55X-3311	Perform Initial Receipt Inspection of Propelling Charges	3-91
093-55X-3312	Perform Receipt Inspection of Propelling Charges	3-94
093-55X-3313	Perform Periodic Inspection of Propelling Charges	3-97
093-55X-3314	Perform Pre-issue Inspection of Propelling Charges	3-100
093-55X-3315	Perform Special Inspection of Propelling Charges	3-103
093-55X-3316	Perform Air Test of Propelling Charge Containers	3-106
093-55X-3317	Perform Initial Receipt Inspection of Grenades	3-108
093-55X-3318	Perform Receipt Inspection of Grenades	3-111
093-55X-3319	Perform Periodic Inspection of Grenades	3-114
093-55X-3320	Perform Pre-issue Inspection of Grenades	3-117
093-55X-3321	Perform Special Inspection of Grenades	3-120
093-55X-3322	Perform Initial Receipt Inspection of Rocket Ammunition	3-123
093-55X-3323	Perform Receipt Inspection of Rocket Ammunition	3-126
093-55X-3324	Perform Periodic Inspection of Rocket Ammunition	3-129
093-55X-3325	Perform Pre-issue Inspection of Rocket Ammunition	3-132
093-55X-3326	Perform Special Inspection of Rocket Ammunition	3-135
093-55X-3328	Perform Continuity/Resistance Test of Rocket Ammunition	3-138
093-55X-3329	Perform Initial Receipt Inspection of Mines	3-139
093-55X-3330	Perform Receipt Inspection of Mines	3-142
093-55X-3331	Perform Periodic Inspection of Mines	3-145
093-55X-3332	Perform Pre-issue Inspection of Mines	3-147
093-55X-3333	Perform Special Inspection of Mines	3-150
093-55X-3351	Perform Initial Receipt Inspection of Pyrotechnics	3-152
093-55X-3352	Perform Receipt Inspection of Pyrotechnics	3-155
093-55X-3353	Perform Periodic Inspection of Pyrotechnics	3-158
093-55X-3354	Perform Pre-issue Inspection of Pyrotechnics	3-161
093-55X-3355	Perform Special Inspection of Pyrotechnics	3-164
093-55X-3356	Perform Initial Receipt Inspection of Demolition Materiels	3-167
093-55X-3357	Perform Receipt Inspection of Demolition Materiels	3-170
093-55X-3358	Perform Periodic Inspection of Demolition Materiels ...	3-173
093-55X-3359	Perform Special Inspection of Demolition Materiels	3-177
093-55X-3360	Perform Pre-issue Inspection of Demolition Materiels ..	3-178
093-55X-3361	Perform Unit Basic Load Inspection of Class V Materiel.	3-181
093-55X-3362	Inspect Salvage Material	3-182
093-55X-3363	Perform Malfunction Investigation	3-183
093-55X-3364	Prepare Ammunition Test Samples for Shipment	3-184
093-55X-3365	Perform Inspection of Shillelagh GM/Container	3-186
093-55X-3366	Perform Operational Check of Shillelagh GM/Test Set ...	3-188

TASK NUMBER	TASK TITLE	PAGE
093-55X-3367	Perform GO/NO GO Test of Shillelagh GM	3-189
093-55X-3368	Perform Inspection of TOW GM/Containers	3-191
093-55X-3369	Perform Inspection of Dragon GM/Containers	3-193
093-55X-3370	Perform Inspection of Lance Missile Main Assemblages/Containers	3-195
093-55X-3371	Perform Electrical Test of Lance Missile Main Assemblage	3-197
093-55X-3373	Perform Inspection of Pershing First Stage Propulsion Sections/Containers	3-198
093-55X-3374	Perform Inspection of Pershing Second Stage Propulsion Sections/Containers	3-201
093-55X-3376	Perform Inspection of Nike Hercules Rocket Motors, M30A2/Container	3-205
093-55X-3377	Perform Inspection of Nike Hercules Motors M42 Series/Containers	3-207
093-55X-3378	Perform Inspection of Nike Hercules Warhead Sections/Containers	3-210
093-55X-3379	Perform Inspection of Nike Hercules Class V Components	3-213
093-55X-3381	Perform Inspection of Hawk GM/Container	3-218
093-55X-3382	Perform Inspection of Hawk GM Class V Components	3-221
093-55X-3384	Perform Inspection of Redeye Air Defense GM Systems/Containers	3-225
093-55X-3385	Perform Inspection of Chaparrel GM/Containers.....	3-227

PERFORMING SURVEILLANCE FUNCTION TEST

093-55X-3401	Test Small Arms Tracer Ammunition	3-230
093-55X-3402	Test Fragmentation Hand Grenades	3-234
093-55X-3403	Test Illuminating Hand Grenades	3-239
093-55X-3404	Test Riot Control Hand Grenades	3-243
093-55X-3405	Test Smoke Hand Grenades	3-245
093-55X-3406	Test Incendiary Hand Grenades	3-248
093-55X-3407	Test Hand Grenade Fuzes	3-252
093-55X-3408	Test Anti-personnel Mines	3-255
093-55X-3409	Test Mine Fuzes	3-259
093-55X-3410	Test Ground Illumination Signals	3-262
093-55X-3411	Test Aircraft Illumination Signals	3-266
093-55X-3412	Test Ground Smoke Signals	3-271
093-55X-3413	Test WP Smoke Grenades	3-274
093-55X-3414	Test Surface Trip Flares	3-278
093-55X-3415	Test Smoke Pots	3-282
093-55X-3416	Test Simulators	3-284

TASK NUMBER	TASK TITLE	PAGE
093-55X-3317	Test Firing Devices	3-287
093-55X-3418	Test Blasting Caps	3-290
093-55X-3419	Test Time Blasting Fuse Igniters	3-294
093-55X-3420	Test Detonators	3-297

INSPECTING MAINTENANCE OPERATIONS

093-55X-3451	Inspect Maintenance Facilities for Compliance with Safety Standards	3-300
093-55X-3452	Perform In-process Verification Inspection of Munitions	3-302
093-55X-3453	Inspect Maintenance Operations of Class V Materiel	3-305

PERFORMING EMERGENCY DESTRUCTION OF MUNITIONS

093-55X-3501	Perform Emergency Disposal of Munitions by Burning	3-306
093-55X-3502	Perform Emergency Disposal of Munitions by Detonation.	3-307

INSPECTING SALVAGE/DISPOSAL OPERATIONS OF MUNITIONS

093-55X-3551	Inspect Munitions Destruction Sites	3-308
093-55X-3552	Inspect Residue/Salvage Material after Salvage Operations	3-310

PERFORMING INSPECTIONS OF CHEMICAL MUNITIONS

093-55X-3601	Put on Protective Clothing/Equipment	3-311
093-55X-3602	Perform Receipt Inspection of Chemical Munitions	3-312
093-55X-3603	Perform Periodic Inspection of Chemical Munitions	3-315
093-55X-3604	Perform Pre-issue Inspection of Chemical Munitions	3-317
093-55X-3605	Perform Special Inspection of Chemical Munitions	3-319
093-55X-3606	Perform Storage Monitoring Inspection of Chemical Munitions	3-321
093-55X-3607	Perform Detection Procedures of Suspected Leaking Toxic Chemical Agents Using M18A2 Detection Kit	3-322
093-55X-3608	Prepare Chemical Decontaminant for Use	3-323
093-55X-3609	Perform Leak Sealing Procedures for Leaking Chemical Munitions	3-324

TASK 093-55X-3101

PREPARE AMMUNITION SURVEILLANCE INSPECTION REPORT (ASIR)

CONDITIONS*

You must make out an ASIR for the inspection of a specific lot of munitions. You will do this task in the surveillance workshop. You will be given the proper DA Form 3022-R [Army Depot Surveillance Record (DSR)], DD Form 1650 (Ammunition Data Card), SOP, and ammunition surveillance inspection report (locally produced). Figure 3-1 shows an example of the ASIR. AR 700-22 and SB 742-1 will be available and used.

EQUIPMENT

Clipboard, ballpoint pen and paper.

STANDARDS

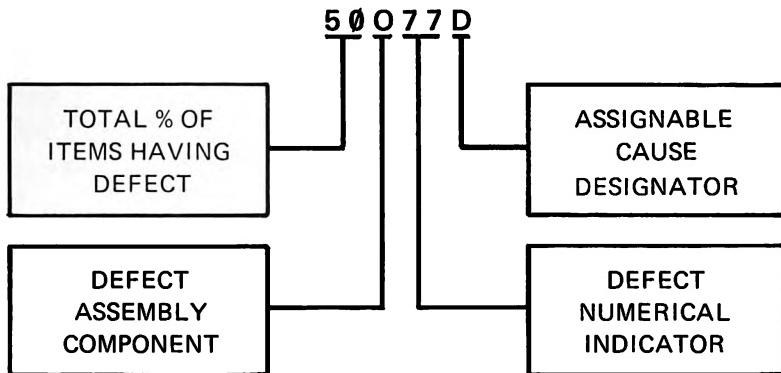
Do performance measures (PM's) correctly in accordance with (IAW) AR 700-22 and SB 742-1 when preparing the ASIR. Make all entries correct and easy to read.

PERFORMANCE MEASURES

1. Enter the proper description for the lot being inspected, such as NSN/DODIC, DOT marking, explosive weight per package, storage compatibility group, QD class, etc. Take description from the package and supply catalog. Describe all discrepancies in the report.
2. Enter date you prepare the report.
3. Enter the ammunition condition code (ACC), quantity, and location of item before inspection. Get this data from the DSR card.
4. Enter the components, component model number, component lot number, and date component was made. Take data from component and DD Form 1650. Note any difference on the report.
5. Enter number of samples inspected and number of boxes inspected in the report.
6. Enter all nonstandard conditions found at storage location.
7. Enter any defect noted during inspection of outer pack, inner pack and item; include the total quantity of items having defects.
8. Enter the proper storage code depending on type of storage for lot of munitions. The codes are listed in chapter 4, AR 700-22.

TASK 093-3101 (Continued)

9. Enter the percent and proper codes next to the defect described.
The codes are listed in chapter 4, AR 700-22.



10. Enter any recommendation you may have about the lot of munitions.
11. Enter document number of the ACC status change.
12. Enter the document number of the materiel tag or label for the lot number.
13. Enter the following data:
 - a. Type of inspection performed.
 - b. Serviceability status of lot after inspection.
 - c. Condition code of lot after inspection.
 - d. Quantity in lot and condition after inspection.
 - e. Storage location.
14. Enter the ACC(s), quantity(ies), and location(s) of lot.
15. Make sure the report is correct and legible.
16. Sign the report.
17. Send report to the surveillance office.

REFERENCES

AR 700-22 and SB 742-1.

AMMUNITION SURVEILLANCE INSPECTION REPORT

NSN/DODIC 1315-00-028-5006-C708		LOT/SERIAL NUMBER LS 600-23		DATE 18 Feb 78			
NOMENCLATURE: Cartridge 4.2 Inch Smoke WP, M2, w/Fuze PD M8							
DOT MARKING (SC): Ammunition For Cannon w/Smoke Projectile							
PACKED (SC): 1/fbr cntr, 2 rds/wdn bx							
WT: 7.68	CU: 1.13	LOAD DATE: 6/61	EXPL WT: 0.29	STG COMP GRP & QD CLASS SA	TB 9-1300-385-1/2		
NOTE: DESCRIBE IN REMARK COLUMN IF DIFFERENT FROM SUPPLY CATALOG.							
F R O M	CC	QTY	LOC	T O	CC	QTY	LOC
	A	4,012	814		E	4,012	814
COMPONENTS		MODEL	LOT NUMBER	DATE (MFG)		GRADE	
Projectile		M2	COB-30-206	7/60			
Fuze PD		M8	LS-501-9	6/61			
Ign Ctg		M2	FED-156				
CONDITIONS ENCOUNTERED: PI, Unserv. CC-E Qty: 4,012 LOC 814							CODE RMKS
Inspected 20 rounds of 10 box sample. Inspected 10 additional boxes at storage location.							STG W
Outer Pack: 10 of 20 boxes with minor deterioration; DOT and markings are correct and legible.							50077D
Inner Pack: 8 of 20 fiber containers could not be opened by hand due to swelling from being wet (major).							40I47D
Item: No defects noted on fuze, projectile, or ignition train. CC "A" to CC "E."							
Requires 100% inspection for unserviceable outer and inner pack. Replace unserviceable packs and remark.							
Condition Code change on CC-8050-001.							
<i>THIS IS A SAMPLE FORM LOCAL FORMAT IS AUTHORIZED</i>							
INSP'D BY	REVIEWED BY	Q.A. SPEC. (AMMO)		POSTED BY			

Figure 3-1.

TASK 093-55X-3102

PREPARE DA FORM 3022-R [ARMY DEPOT SURVEILLANCE RECORD (DSR) CARD]

CONDITIONS

An ammunition surveillance inspection report (ASIR) has been made out for an initial receipt inspection (IRI) made on a lot/serial number of munitions. You must fill out a DA Form 3022-R using information taken from the ASIR and DD Form 1650 (Ammunition Data Card). Do this task in the surveillance office. You will have DSR cards, ammunition data card file, and a completed ASIR. Use AR 700-22, AR 710-9 and SB 742-1.

EQUIPMENT

Clipboard and ballpoint pen.

STANDARDS

Do PM's correctly IAW chapter 4, AR 700-22; AR 710-9 and SB 742-1 while filling out DA Form 3022-R. All entries must be correct and easy to read.

PERFORMANCE MEASURES

Fill in the labeled blocks on DA Form 3022-R starting at the upper right:

1. Enter the name of your installation.
2. Enter the National Stock Number (NSN) to include Department of Defense Identification Code (DODIC).
3. Enter the lot or serial numbers.
4. Enter nomenclature.
5. Enter grade of item if it applies.
6. Enter date of manufacture.
7. Enter the explosive weight per package.
8. Enter the shelf-life date, if it applies.
9. Enter weight and cube of each package.
10. Enter storage compatibility group and quantity distance class.
11. Enter the Department of Transportation (DOT) name.
12. Enter DOT class.
13. Enter in the right blocks how item is packed.
14. Enter component nomenclature.
15. Enter each major component lot or serial number.
16. Enter the status of missile alteration or modification work order.
17. Enter each storage location of item.
18. Enter the approximate quantity at each storage location in the right blocks.

TASK 093-3102 (Continued)

19. Enter ammunition condition code in the right blocks.
20. Note if item is for the International Logistic Program (ILP).
21. Enter the Department of Defense Ammunition Code (DODAC) or part number (PN).
22. Enter appropriate due dates for inspection and monitoring.
23. Enter test interval, (30 days, 3 months, 2 years).
24. Enter date of inspection in "date" column under Record of Inspection.
25. Enter type of inspection done on item in Type Inspection column of Record of Inspection.
26. Enter storage location from which samples were taken in Location column of Record of Inspection.
27. Enter the inspection results in the Conditions Encountered column.
28. Enter the right defect codes for each defect noted during inspection in the Coded Remarks column.
29. Print your name below your remarks in Conditions Encountered column.
30. Review DSR card for accuracy and completeness.
31. Initial card next to your printed name.

REFERENCES

AR 700-22, AR 710-9, AR 725-50; FM 9-38 and SB 742-1.

TASK 093-55X-3103

MAINTAIN DA FORM 3022-R, [ARMY DEPOT SURVEILLANCE RECORD (DSR) CARD]

CONDITIONS

Documents have been received or prepared for a lot/serial number of munitions or for an NSN of packing materiel and must be posted to the DA Form 3022-R. Do this task in the surveillance office. You will have the following:

FORMS

1. DA Form 3022-R.
2. DA Form 3151-R (Ammunition Stores Slip) or DA Form 4805 (Ammunition Transfer Record).
3. DSR card file.
4. Ammunition surveillance inspection report (ASIR).
5. Request for lot suffix, stockpile reliability test report (SRTR).
6. Ballistic test request (BTR).
7. Notice of suspension, restriction or a release from suspension.
8. Message about lot suffix.
9. SRTR or other instructions that affect the item.

PUBLICATIONS

1. AR 700-22.
2. SB 742-1.
3. SOP.

EQUIPMENT

Clipboard and ballpoint pen.

STANDARDS

Do PM's correctly IAW chapter 4, AR 700-22, and SB 742-1 while filling out DA Form 3022-R. All entries must be correct and easy to read.

PERFORMANCE MEASURES

1. Decide what the document tells you to do (para 4-2a, SB 742-1).
2. Select the right DSR card from DSR card file (para 4-2a, SB 742-1).
3. Get information from the document (chap 4, AR 700-22, and para 4-2a, SB 742-1).

TASK 093-55X-3103 (Continued)

4. Post that information to DSR card (chap 4, AR 700-22, and para 4-2a, SB 742-1).
5. Print your name below Remarks to show you conducted or supervised the inspection (para 4-2a, SB 742-1).
6. Make sure DSR card is complete and accurate (para 4-2a, SB 742-1).
7. Initial DSR card by your printed name after completing the review (para 4-2a, SB 742-1).
8. Return DSR card to file (para 4-2a, SB 742-1).

REFERENCES

AR 700-22, AR 725-50; FM 9-38 and SB 742-1.

TASK 093-55X-3104
PREPARE DA FORM 3782 (SUSPENDED NOTICE)

CONDITIONS

You have received a notice to temporarily suspend a lot/serial number of munitions from issue and use. You must fill out enough DA Forms 3782 so they can be attached to each stack of munitions. Do this task in the surveillance office or the surveillance workshop. You will have DA Form 3782 (Suspended Notice); Suspended Notice Document Register; a Suspense, Restriction/Release Register; and a message that suspends the items from issue and use (the message may be a memo for record (MFR) concerning a malfunction, or it may be a message from MMC or ARMCOM). You will be able to use AR 710-2 and SB 742-1.

EQUIPMENT

Clipboard and ballpoint pen.

STANDARDS

Do PM's correctly IAW AR 710-2 and SB 742-1 while you fill out DA Form 3782. All entries must be correct and easy to read.

PERFORMANCE MEASURES

1. Take information from the message authorizing temporary suspension (para 4-2b, SB 742-1).
2. Enter this information in the right blocks of DA Form 3782 (para 4-2b, SB 742-1).
3. Post Suspended Notice to Suspended Notice Document Register (para 2-8, AR 710-2).
4. Record document number, taken from Suspended Notice Document Register, in Remarks block of DA Form 3782 (para 4-2b, SB 742-1).
5. Send Suspended Notice(s) to the stockpile reliability branch to be put on stack(s) of affected munitions (para 4-2b, SB 742-1).

REFERENCES

AR 710-2 and SB 742-1.

TASK 093-55X-3105

**PREPARE AMMUNITION CONDITION CODE (ACC) STATUS CHANGE USING DA FORM 3151-R
(AMMUNITION STORES SLIP)**

CONDITIONS

You will have to change the serviceability status for a lot/serial number of munitions because of instructions received, an inspection, or test results. You must fill out a DA Form 3151-R (Ammunition Stores Slip) to change the ammunition condition code of an item. You will do this in the surveillance office, surveillance workshop, or at the function test range. You will have DA Form 3151-R, a message changing the status of an item (such as, suspension, restriction, release from suspension), ammunition surveillance inspection report, DA Form 984 (Munitions Surveillance Report), and a document register. AR 710-2, FM 9-38, TB 9-1300-385-1, TB 9-1300-385-2, and SB 742-1 will be available and used.

EQUIPMENT

Clipboard and ballpoint pen.

STANDARDS

Do PM's correctly IAW AR 710-2, FM 9-38 and SB 742-1. Make all entries correct and easy to read.

PERFORMANCE MEASURES

1. Take information from the document authorizing the condition code change.
2. Fill in the right blocks of DA Form 3151-R (para 3-16, FM 9-38).
3. Give the form a document number taken from the document register (para 2-8, AR 710-2).
4. Send a copy of the ACC status change to the control section so that the stock records can be updated (para 4-2g, SB 742-1).
5. Send a copy of the ACC status change to the right branch in the surveillance section.

REFERENCES

AR 710-2, AR 725-50; FM 9-38; TB 9-1300-385-1, TB 9-1300-385-2 and SB 742-1.

TASK 093-55X-3106

PREPARE AMMUNITION CONDITION CODE (ACC) STATUS CHANGE USING DA FORM 4508
(AMMUNITION TRANSFER RECORD)

CONDITIONS

You will have to change the serviceability status for a lot/serial number of munitions because of instructions you got, an inspection, or test results. You must fill out a DA Form 4508 (Ammunition Transfer Record) to change the condition code of an item. Do this task in the surveillance office, surveillance workshop or at the function test range. You will have DA Form 4508 (Ammunition Transfer Record), the message changing the status of an item (such as, suspension, restriction, release from suspension), ammunition surveillance inspection report, and DA Form 984 (Munitions Surveillance Report). AR 710-2, TM 743-200-1, TB 9-1300-385-1, TB 9-1300-385-2, and SB 742-1 will be used.

EQUIPMENT

Clipboard and ballpoint pen.

STANDARDS

Do PM's correctly IAW AR 710-2, TM 743-200-1 and SB 742-1. Make all entries correct and easy to read.

PERFORMANCE MEASURES

1. Take information from the document authorizing the condition code change (para 4-2g, SB 742-1).
2. Fill in the right blocks of DA Form 4508 (para 4-2g, SB 742-1, and para 5.2.4.5.4, TM 743-200-1).
3. Give the form a document number taken from the document register (para 2-8, AR 710-2, and para 4-2g, SB 742-1).
4. Send a copy of the ACC status change to the control section so that the stock records can be updated (para 4-2g, SB 742-1).
5. Send a copy of the ACC status change to the right branch in the surveillance section.

REFERENCES

AR 710-2, AR 725-50; TM 743-200-1; TB 9-1300-385-1, TB 9-1300-385-2 and SB 742-1.

TASK 093-55X-3107
PROCESS A TEMPORARY SUSPENSION

CONDITIONS

One of two things has happened:

1. You have been given an interim message from Material Management Center (MMC) or ARMCOM temporarily suspending a lot of munitions.
2. A local suspension has been made because of a notification of a malfunction or because of the result of a function test. You must process the temporary suspension for the lot of munitions. Do this task in the surveillance office. You will have:

FORMS

PUBLICATIONS

- | | |
|---|---------------------|
| 1. The DA Form 3022-R [Army Depot Surveillance Record (DSR)] card file. | 1. AR 75-1. |
| 2. Ammunition Data Card File. | 2. AR 700-22. |
| 3. Ammunition suspension restriction/release register. | 3. AR 710-2. |
| 4. An interim message of suspension. | 4. FM 9-38. |
| 5. An MFR concerning a malfunction or function test results. | 5. TM 743-200-1. |
| 6. DA Form 984 (Munitions Surveillance Report). | 6. TB 9-1300-385-1. |
| 7. A file copy of the last ammunition inspection and lot number report. | 7. TB 9-1300-385-2. |
| 8. DA Form 3151-R (Ammunition Stores Slip) or DA Form 4508 (Ammunition Transfer Records). | 8. SB 742-1. |
| 9. DA Form 3782 (Suspended Notice). | 9. SOP. |

EQUIPMENT

Clipboard and ballpoint pen.

STANDARDS

Do PM's 1, 2, 4 thru 11 and 13 thru 15 when an interim message received from higher headquarters temporarily suspends a lot number of munitions. Do PM's 2 thru 11 and 13 thru 15 when a lot number of munitions is locally suspended. Do PM's 1 thru 15 when you receive a revised copy of TB 9-1300-385-1 or TM 9-1300-385-2. Do PM's correctly IAW AR 75-1, AR 700-22, AR 710-2; FM 9-38; TM 743-200-1; TB 9-1300-385-1, TB 9-1300-385-2; and SB 742-1.

TASK 093-55X-3107 (Continued)

PERFORMANCE MEASURES

1. Decide type of suspension (chap 3, AR 75-1, and TB 9-1300-385-2).
2. Post suspension to suspension, restriction/release register (para 4-2b, SB 742-1).

NOTE: Post a suspension to TB 9-1300-385 series or on a locally produced form. If you use a locally produced form you should put the form in a looseleaf binder along with the most current TB 9-1300-385 series and the local suspension document register.

3. Report local suspension to next higher headquarters (para 2-3, AR 75-1).
4. Edit DSR cards for suspended item in stock (para 4-2b, SB 742-1).
5. Edit DD Form 1650 (Ammunition Data Cards) for suspended components assembled on other items (para 4-2b, SB 742-1).
6. Verify quantity of suspended item, if in stock, with control section (para 3-20, FM 9-38).
7. Fill out an ammunition condition code (ACC) status change to place item in ACC-J or ACC-N. Fill out ACC status change using DA Form 3151-R (para 3-16, FM 9-38) or DA Form 4508 (para 5.2.4.5.4, TM 743-200-1).
8. Post the ACC status change to document register (para 2-8, AR 710-2).
9. Fill out DA Forms 3782 with enough copies to put on each stack of the affected lot number or serial numbers (para 4-2b, SB 742-1).
10. Post the Suspended Notice to the document register (para 2-8, AR 710-2).
11. Post suspense information to the DSR card including the document number of the ACC status change and the document number of Suspended Notice (para 4-2a, SB 742-1).
12. Review ammunition inspection and lot number report for suspended item reported before as serviceable assets, and make appropriate remarks if item is found (para 2-5, AR 700-22).
13. File the interim message, an MFR about suspension or a copy of the DA Form 984, and a copy of ACC status change.
14. Send the prepared suspended notice(s) and a copy of the ACC status change to the stockpile reliability branch (para 4-2b, SB 742-1).
15. Send a copy of the ACC status change to the control section (para 3-20, FM 9-38).

REFERENCES

AR 75-1, AR 700-22, AR 710-2, AR 725-50; FM 9-38; TM 743-200-1; TB 9-1300-385-1, TB 9-1300-385-2; SB 742-1 and SOP.

TASK 093-55X-3108

PROCESS A STATUS CHANGE OF A SUSPENSION FROM TEMPORARY TO PERMANENT

CONDITIONS

You have received an interim change notice to change a temporary suspension to a permanent suspension (Fix Demil-Unserviceable Condemned or Fix Indicated-Unserviceable Reparable). You must prepare, post, and route documents changing the status of the suspension. Do this task in the surveillance office. You will have:

FORMS

1. Ammunition suspension, restriction/
release register.
2. DA Form 3022-R [Army Depot Surveillance
Record (DSR)] card file.
3. Document register.
4. DD Form 1577 (Unserviceable Condemned
Tag-Materiel or DD Form 1577-1
(Unserviceable Condemned Label-Materiel)).
5. DD Form 1577-2 (Unserviceable Reparable
Tag-Materiel) or DD Form 1577-3
(Unserviceable Reparable Label-Materiel).
6. DA Form 3151-R (Ammunition Stores Slip)
or DA Form 4508 (Ammunition Transfer Record).
7. DA Form 2415 (Ammunition Condition Report).

PUBLICATIONS

1. AR 710-2.
2. FM 9-38.
3. TM 38-750.
4. TM 743-200-1.
5. TB 9-1300-385-1.
6. TB 9-1300-385-2.
7. SB 742-1.
8. MIL-STD 129F.
9. SOP.

EQUIPMENT

Clipboard and ballpoint pen.

STANDARDS

Do PM's correctly IAW AR 710-2, FM 9-38, TM 38-750, TM 743-200-1, SB 742-1, MIL-STD 129F and SOP. Be sure all documents are correct and easy to read.

PERFORMANCE MEASURES

1. Post the change to suspension restriction/release register (para 4-2b, SB 742-1).
2. Check DSR card for affected item (para 4-2a and para 4-2b, SB 742-1).
3. Check the quantity with the control section (para 3-20, FM 9-38).
4. Fill out an ammunition condition code (ACC) status change using DA Form 3151-R or DA Form 4508 (para 3-16, FM 9-38, or para 5.2.4.5.4, TM 743-200-1).

TASK 093-55X-3108 (Continued)

5. Post the ACC status change to the document register (para 2-8, AR 710-2).
6. Fill out a DD Form 1577 or a DD Form 1577-1 when changing condition code to ACC-H, or a DD Form 1577-2 or DD Form 1577-3 when condition code is changed to ACC-E, F or G.
7. Post the materiel tag or label to the document register (para 2-8, AR 710-2).
8. Fill out a DA Form 2415 (ACR) to report permanently suspended items in stock (para 5-8, TM 38-750).
9. Post the ACR to the document register (para 2-8, AR 710-2).
10. Post the suspension information to the DSR card (para 4-2a, SB 742-1).
11. Send a copy of the ACC status change to the control section (para 3-20, FM 9-38).
12. Send a copy of the ACC status change and the materiel tag or label to the stockpile reliability branch (para 4-2b, SB 742-1).
13. Send the ACR to the chief ammunition inspector for review and signature (para 5-8, TM 38-750).

REFERENCES

AR 710-2, AR 725-50; FM 9-38; TM 38-750, TM 743-200-1; TB 9-1300-385-1, TB 9-1300-385-2; SB 742-1; MIL-STD 129F and SOP.

CONDITIONS

You have been notified that an item has been restricted to a specific use (training use only, restricted from overhead fire and so on). You must prepare, post and forward documents relating to the restriction. Do the task in the surveillance office. You will have:

FORMS

1. Ammunition suspension, restriction/release register.
2. DA Form 3022-R [Army Depot Surveillance Record (DSR)] card file.
3. DA Form 3151-R (Ammunition Stores Slip).
4. DA Form 4508 (Ammunition Transfer Record).
5. A document register.
6. Restriction notice.

PUBLICATIONS

1. AR 710-2.
2. FM 9-38.
3. TM 743-200-1.
4. TB 9-1300-385-1.
5. TB 9-1300-385-2.
6. SB 742-1.
7. SOP.
8. MIL-STD 129F.

EQUIPMENT

Clipboard and ballpoint pen.

STANDARDS

Do PM's correctly IAW AR 710-2, FM 9-38, TM 743-200-1, SB 742-1, MIL-STD 129F and SOP. Be sure all documents are correct and easy to read.

PERFORMANCE MEASURES

1. Post the restriction to the ammunition suspension, restriction/release register (para 4-2b, SB 742-1).
2. Check the DSR cards for affected items (para 4-2a, and para 4-2b, SB 742-1).
3. Check the quantity of the item with the control section (para 3-20, FM 9-38).
4. Fill out an ACC status change using DA Form 3151-R (para 3-16, FM 9-38, or DA Form 4508 (para 5.2.4.5.4, TM 743-200-1).
5. Post the ACC status change to document register (para 2-8, AR 710-2).
6. Post the restriction information to DSR card (para 4-2a, SB 742-1).
7. Send a copy of the ACC status change to the control section (para 4-2b, SB 742-1).

TASK 093-55X-3109 (Continued)

REFERENCES

- AR 710-2, AR 725-50; FM 9-38; TM 743-200-1; TB 9-1300-385-1,
TB 9-1300-385-2; SB 742-1; MIL-STD 129F and SOP.

TASK 093-55X-3110

PROCESS A NOTIFICATION OF RELEASE FROM SUSPENSION

CONDITIONS

You have been told to release an item from suspension. You must make out, post, and forward documents about the release. Do this task in the surveillance office. You will have:

FORMS

1. Ammunition suspension, restriction/release register.
2. Army Depot Surveillance Record (DSR) card file.
3. Document register.
4. DA Form 3151-R (Ammunition Stores Slip).
5. DA Form 4508 (Ammunition Transfer Record).
6. A message releasing the item from suspension.

PUBLICATIONS

1. AR 710-2.
2. FM 9-38.
3. TM 743-200-1.
4. TB 9-1300-385-1.
5. TB 9-1300-385-2.
6. SB 742-1.
7. SOP.

EQUIPMENT

Clipboard and ballpoint pen.

STANDARDS

Do PM's correctly IAW AR 710-2, FM 9-38, TM 743-200-1 and SB 742-1. Be sure you prepare and post documents correctly and that they are easy to read.

PERFORMANCE MEASURES

1. Post the release notice to the suspension, restriction/release register (para 4-20, SB 742-1).
2. Check DSR card for affected item (para 4-2, and 4-2b, SB 742-1).
3. Check the quantity of the item with the control section (para 3-20, FM 9-38).
4. Fill out an ammunition condition (ACC) status change using a DA Form 3151-R (para 3-16, FM 9-38) or DA Form 4508 (para 5.2.4.5.4, TM 743-200-1).
5. Post the ACC status change to the document register (para 2-8, AR 710-2).
6. Post the release number to the suspension, restriction/release register (para 4-2b, SB 742-1).
7. Post the release information to the DSR card (para 4-2a, SB 742-1).

TASK 093-55X-3110 (Continued)

8. Send a copy of the ACC status change to the control section (para 3-20, FM 9-38).
9. Send copy of the ACC status change to the stockpile reliability branch for authority to remove tag or label from the item in storage (para 4-2b, SB 742-1).

REFERENCES

AR 710-2, AR 725-50; FM 9-38; TM 743-200-1; TB 9-1300-385-1, TB 9-1300-385-2; SB 742-1 and SOP.

TASK 093-55X-3111

PROCESS NOTIFICATION OF RELEASE FROM SUSPENSION FOR AN ITEM REQUIRING A TEST TO DETERMINE TRUE CONDITION

CONDITIONS

You have a notice to release an item from suspension, but the item needs testing to find out its true condition (ACC-D). You must make out, post, and forward documents relating to the release of an item from suspension. Do the task in the surveillance office. You will have:

FORMS

1. Ammunition suspension/restriction file.
2. DA Form 3022-R [Army Depot Surveillance Record (DSR)] card file.
3. Document registers.
4. DD Form 1576 (Test/Modification Tag-Materiel) or DD Form 1576-1 (Test/Modification Label Materiel).
5. DA Form 3151-R (Ammunition Stores Slip) or DA Form 4508 (Ammunition Transfer Record).
6. A notice releasing the item from suspension.

PUBLICATIONS

1. AR 710-2.
2. FM 9-38.
3. TM 743-200-1.
4. SB 742-1.
5. MIL-STD 129F.
6. SOP.

EQUIPMENT

Clipboard and ballpoint pen.

STANDARDS

Do PM's correctly IAW AR 710-2, FM 9-38, TM 743-200-1, SB 742-1 MIL-STD 129F and SOP. Make sure all documents are correct and easy to read.

PERFORMANCE MEASURES

1. Post the release notice to the suspension/restriction file (para 4-2b, SB 742-1).
2. Check the DSR card file for the affected item (para 4-2a and para 4-2b, SB 742-1).
3. Check the quantity of the item with the control section (para 3-20, FM 9-38).
4. Fill out an ammunition condition code (ACC) status change using DA Form 3151-R or DA Form 4508. When filling out DA Form 3151-R, follow steps in paragraph 3-16, FM 9-38. Use paragraph 5.2.4.5.4, TM 743-200-1, when filling out DA Form 4508.

TASK 093-55X-3111 (Continued)

5. Post the ACC status change to the document register (para 4-2b, SB 742-1).
6. Post the release number to the suspension, restriction/release register (para 4-2b, SB 742-1).
7. Fill out a DD Form 1576 or a DD Form 1576-1 for items put in ACC-D (para 5.4.16.5, MIL-STD 129F).
8. Post the materiel tag or label to the document register (para 2-8, AR 710-2).
9. Post the release information to the DSR card (para 4-2a, SB 742-1).
10. Send a copy of the ACC status change to the control section (para 3-20, FM 9-38).
11. Send a copy of the ACC status change and the materiel tag or label to stockpile reliability branch (para 4-2b, SB 742-1).

REFERENCES

AR 710-2, AR 725-50; FM 9-38; TM 743-200-1; TB 9-1300-385-1, TB 9-1300-385-2; SB 742-1 and MIL-STD 129F.

TASK 093-55X-3112

VERIFY SERVICEABILITY OF ITEMS LISTED ON AMMUNITION SUPPLY DOCUMENT

CONDITIONS •

Control section has sent a supply document to your office and you are to make a serviceability check for item(s) listed on the document. You will have an Army Depot Surveillance Record (DSR) card file, an ammunition suspension restriction/release register and the supply document. Use AR 700-22, AR 702-6; SB 742-1 and SOP.

EQUIPMENT

Clipboard, ballpoint pen and paper.

STANDARDS

Do PM's correctly IAW AR 702-6, SB 742-1 and SOP when you check the serviceability of items listed on ammunition supply document.

PERFORMANCE MEASURES

1. Pick the DA Form 3022-R DSR card for the items listed on the supply document (para 4-2a, SB 742-1 and SOP).
2. Check the DSR card to make sure the item has had the right inspection and/or test made within the specified time (para 5b and 5c, AR 702-6, para 2-7, SB 742-1, and SOP).
3. Check the DSR card and the ammunition suspension restriction/release register to make sure the item is not suspended or restricted (para 4-2a and 4-2b, SB 742-1, and SOP).
4. Note on the supply document or on a separate sheet of paper:
 - a. if item(s) may be issued or shipped.
 - b. if item(s) cannot be issued or shipped and explanation of why.
5. Tell stockpile reliability branch the items needing a pre-issue inspection (PII) (SOP).
6. Tell stockpile reliability branch if a test must be done or a request for a test must be made up and submitted (para 5b and 5c, AR 702-6, para 2-7, SB 742-1 and SOP).
7. Return the supply document with your comments to the control section (SOP).

REFERENCES

AR 700-22, AR 702-6, AR 725-50; TB 9-1300-385-1, TB 9-1300-385-2 and SB 742-1.

TASK 093-55X-3113

PREPARE AMMUNITION INSPECTION AND LOT NUMBER REPORT

CONDITIONS

The list of recurring reports shows you will have to make out and submit an ammunition inspection and lot number report to higher headquarters. You will do this in the surveillance office. You will have a DA Form 3022-R [Army Depot Surveillance Record (DSR)] card file, suspension, restriction/release file, a copy of the previous report, and locally produced worksheets. Use AR 700-22 and SB 742-1.

EQUIPMENT

Clipboard and ballpoint pen.

STANDARDS

Do PM's correctly IAW AR 700-22 and SB 742-1 when preparing the ammunition inspection and lot number report. All entries must be correct and easy to read.

PERFORMANCE MEASURES

Preparation of Section I

1. Select DSR cards (para 4-2a, SB 742-1).
2. Take the right information from the DSR cards (para 4-2a, SB 742-1).
3. Put this information into the correct column of section I (para 3-4, AR 700-22).

Preparation of Section II

4. Review the suspension restriction/release register, DSR cards, and previous feeder report to find suspended items reported as serviceable assets (para 4-2a and 4-2b, SB 742-1, and para 2-5, AR 700-22).
5. Take the information from the DSR card if items in a published suspension were reported as serviceable assets (para 4-2a, SB 742-1).
6. Put information into the correct columns of section II (para 3-4, AR 700-22).

After preparation:

7. Review the report for accuracy.
8. Send report to the chief ammunition inspector for review.

REFERENCES

AR 700-22, AR 725-50; FM 9-38 and SB 742-1.

TASK 093-55X-3114

PREPARE DA FORM 984 (MUNITIONS SURVEILLANCE REPORT)

CONDITIONS

You have been told to fill out a DA Form 984 (Munitions Surveillance Report) for shipment of function test samples or during function testing operations. Do this task in the surveillance office or surveillance workshop or at the function test range while conducting the test. You will have:

FORMS

1. DA Form 3022-R [Army Depot Surveillance Record (DSR)] card file.
2. Ammunition Data Card file.
3. Ammunition surveillance inspection report.
4. DA Form 984 (Munitions Surveillance Report).
5. A message with instructions for shipment of test samples.

PUBLICATIONS

1. SB 742-1.
2. SB for item being tested.
3. SOP.

EQUIPMENT

Clipboard and ballpoint pen.

STANDARDS

Do PM's correctly IAW SB 742-1 when function testing a lot of munitions. Do PM's 1 thru 6 and 20 and 21 only when test samples are ready for shipment. Make all entries correct and easy to read.

PERFORMANCE MEASURES

Preparation of Part I

1. Get information from the proper documents.
2. Put the right information in blocks 1 thru 19 (para 2-7d).
3. Record the condition of the packing and marking in blocks 20 thru 25 (para 2-7d).
4. Record all defects you see during the visual inspection in block 6 (para 2-7d).
5. Record all observations made during the period of storage that seems important to the purpose of the report in block 27 (para 2-7d).
6. Enter the right condition code in block 28 (para 2-7d).

TASK 093-55X-3114 (Continued)

Preparation of Part II:

7. Enter the weather conditions at the test area during test in blocks 1 thru 4 (para 2-7d).
8. Enter the supply bulletin number, revision, and date of procedure under which the test was done in blocks 5, 5a and 5b (para 2-7d).
9. Enter the outer package number in block 6 (para 2-7d). Outer packs should be numbered in order starting with "1".
10. Enter the individual sample number in block 7 (para 2-7d). Each sample should be numbered in order starting with "1".
11. Enter the inspection and function test characteristics to be counted in columns 8a thru 8i (para 2-7d).
12. Indicate the "attribute deficiencies" by placing an "X" in the correct column (para 2-7d).
13. Show whether evaluation is based on "defects" or "defectives" by blocking out the word Not Applicable above columns 9 and 10 (para 2-7d).
14. Place an "X" in the proper defective severity column (when the evaluation is based on defectives) (para 2-7d).
15. Enter the total number of defects observed for each sample in the correct columns (when the evaluation is based on defects) (para 2-7d).
16. Summarize all functional defects by type and quantity in block 11 (para 2-7d).
17. Enter any additional important information not recorded before in block 11 (para 2-7d).
18. Record the total number of defects or defectives in block 12 (para 2-7d).
19. Enter the functional, non-functional and condition code in blocks 13a thru 13c, based on entries in block 12, and related SB (para 2-7d and para 2-7e).

After Preparation of Report:

20. Make sure the report is complete and accurate.
21. Send the report to the chief ammunition inspector.

REFERENCES

SB 742-1, other applicable SB's and SOP.

TASK 093-55X-3115

PREPARE DA FORM 2415 [AMMUNITION CONDITION REPORT (ACR)]

CONDITIONS

You have received or made out documents for a lot/serial number of munitions for which you must fill out a DA Form 2415. Do this task in the surveillance office or the surveillance workshop. You will have DA Form 2415, DA Form 3022-R and an ammunition surveillance inspection report or a suspense notification. You will be able to use TM 38-750.

EQUIPMENT

Clipboard and ballpoint pen.

STANDARDS

Do PM's correctly IAW TM 38-750 while filling out DA Form 2415. Make all entries correct and easy to read.

PERFORMANCE MEASURES

1. Decide the type of report to be prepared after you review the document (para 5-8).
2. Get necessary information from the document (para 5-8).
3. Record this information in the correct blocks (para 5-8 and app B).
4. Make sure the report is complete and accurate (para 5-8).
5. Send the report to the chief ammunition inspector.

REFERENCES

AR 700-22, FM 9-38 and TM 38-750.

TASK 093-55X-3116

PREPARE REQUEST FOR WAIVER OF EXPLOSIVE SAFETY STANDARDS

CONDITIONS

You have to make out a request for waiver of explosive safety standards to replace the present waiver because it is about to end or because of a violation that cannot be corrected right away. Do this task in the surveillance office. You will have a copy of the present waiver, maps, sketches, and area layout charts. AR 385-64, AR 740-1 and TM 9-1300-206 must be used.

EQUIPMENT

Calculator, protractor, ruler, pencil and paper.

STANDARDS

Do PM's correctly IAW AR 385-64, AR 740-1 and TM 9-1300-206.

PERFORMANCE MEASURES

1. Find out the requirements for a waiver (AR 385-64 or TM 9-1300-206).
2. Show on the new map distances from each hazard to internal and external exposed areas, and the quantity, and type or class of ammunition (sec II, chap 4, AR 740-1).
3. List safety regulations that will be violated and why (sec II, chap 4, AR 740-1).
4. Give the time (one year or less) the waiver will be required (sec II, chap 4, AR 740-1).
5. List the precautions you will take to have safe operations during the waiver (sec II, chap 4, AR 740-1).
6. List the steps that are now or will be taken to correct the conditions that made the request for waiver necessary (sec II, chap 4, AR 740-1).
7. Make sure the request for waiver is complete and accurate (sec II, chap 4, AR 740-1).
8. Send the request for waiver to the chief ammunition inspector.

REFERENCES

AR 385-64, AR 740-1 and TM 9-1300-206.

CONDITIONS

You will have to fill out a SF 361 (DISREP) for a damaged shipment of munitions. Do this task in the surveillance office. You will have SF 361, copy of transportation document, DD Form 626 (Motor Vehicle Inspection) and AR 55-38 to use.

EQUIPMENT

Clipboard and ballpoint pen.

STANDARDS

Do PM's correctly IAW AR 55-38. Make all entries on the report correct and easy to read.

PERFORMANCE MEASURES

1. Enter the date report is made in block 1.
2. Enter the file reference number in block 2.
3. Enter the name, address, activity address code and ZIP code of office which will get the initial copy in block 3.
4. Enter the reporting activity in block 4.
5. Enter the consignor in block 5.
6. Enter the consignee in block 6.
7. Enter the shipper in block 7.
8. Enter the point of origin in block 8.
9. Enter the identification number of car or truck trailer or the name of vessel, as appropriate, in block 9.
10. Enter your location in block 10.
11. Enter the right documentation in blocks 11A thru 11N.
12. Enter the right discrepancy data in blocks 12A thru 12J. Block 17 may be used for continuation.
13. Enter remarks in block 13. Block 18 may be used for continuation.
14. Check the correct box for responsibility in block 14 or leave blank, as required.
15. Enter the distribution and number of copies in block 15.
16. Enter in block 16A, the name, title and telephone number of person whose signature will appear in block 16B.
17. Make sure the report is complete and accurate.
18. Send report to chief ammunition inspector for review and signature.

REFERENCES

AR 55-38 and SB 742-1.

CONDITIONS

During the initial receipt inspection, deficiencies were noted. You have been told to fill out an SF Form 368 for category II deficiencies. A deficiency which may affect life or limb of anyone or reduce the combat capabilities of an organization or individual is Category I and will be sent by message IAW inclosure 1 of AR 702-7. Do this task in the surveillance office. You will have an SF Form 368 and a copy of the ammunition surveillance inspection report. You will use AR 702-7.

EQUIPMENT

Clipboard and ballpoint pen.

STANDARDS

Do PM's correctly IAW AR 702-7.

PERFORMANCE MEASURES

1. Enter your address in block 1a.
2. Enter the name, duty phone number and name of person signing report in block 1b.
3. Enter address of agency where report will be sent in block 2a.
4. Enter the report control number in block 3.
5. Enter the date the deficiency was found in block 4.
6. Enter the national stock number of materiel in block 5.
7. Enter the nomenclature of deficient materiel in block 6.
8. Enter the name or code number of the manufacturer in block 7.
9. Enter the part number in block 8.
10. Enter the serial, lot or batch number in block 9.
11. Enter the contract, purchase order or document number in block 10.
12. Check the proper block to show if the materiel is new or repaired/overhauled in block 11.
13. Enter the date item was manufactured in block 12.
14. Enter how long the item was in storage in block 13.
15. Enter an "X" in the Yes or No box of block 14 as proper.
16. Enter the quantity of lot received in block 15a.
17. Enter the number of rounds inspected in block 15b.
18. Enter the quantity of items that were deficient as a result of the inspection in block 15c.
19. Enter the total quantity of stock in block 15d.
20. Enter the major weapon system for the deficient item in block 16a.

TASK 093-55X-3118 (Continued)

21. Enter the lot number of the next higher assembly, if it applies in block 16b.
22. Enter the dollar value of materiel reported as being deficient, if known, in block 17.
23. Enter the estimated cost for correcting all the deficient materiel, if it can be easily determined, in block 18.
24. Enter an "X" in correct item in block 19.
25. Enter an "X" in the correct block, and if item is being held for exhibit enter the number of days item will be held in block 21.
26. Explain in block 22 what is wrong with the item; explain how deficiency was found, number of deficiencies before, where deficiency was noted; include storage or handling information; and list supporting documents included with the report.
27. Make sure the report is complete and accurate.
28. Send report to the chief ammunition inspector for signature.

REFERENCES

AR 702-7.

TASK 093-55X-3119

PREPARE DD FORM 6 (PACKAGING IMPROVEMENT REPORT)

CONDITIONS

You must fill out a DD Form 6 for a shipment received with deficiencies in packaging. Do the task in the surveillance office. You will have DD Form 6, photographs of defective packaging, ammunition surveillance inspection report, and a copy of the shipping document. You will use AR 700-58.

EQUIPMENT

Clipboard and ballpoint pen.

STANDARDS

Do PM's correctly IAW AR 700-58. Make all entries on the report correct and easy to read.

PERFORMANCE MEASURES

1. Enter the report number in Key 1. The number should correspond to the number or reports prepared during current calendar year.
2. Enter the contract number or transportation control number (TCN) in Key 2.
3. Enter the nomenclature of item in Key 3.
4. Enter the National Stock Number (NSN) of item being reported in Key 4.
5. Enter the name of the shipper in Key 5; add the address if it is a commercial contractor.
6. Enter the estimated cost, in dollars, to correct deficiencies in Key 6.
7. Enter office handling contract in Key 8.
8. Enter the government bill of lading (GBL) number if there is one, in Key 9.
9. Enter the number of unsatisfactory containers or items in shipment in Key 10.
10. Show action taken by checking correct box in Key 10.
11. Check in Key 10, whether or not a reply is required from investigating activity.
12. Record description of deficiency(ies) in Key 11.
13. Put in the "Copies Furnished" key to whom copies of report will be sent.
14. Record your installation in Key 12.
15. Enter name, phone number of person signing the form, and date in Key 13.
16. Send report to the chief ammunition inspector.

FM 9-55X 3

TASK 093-55X-3119 (Continued)

REFERENCES

AR 700-58.

CONDITIONS

A vehicle is to be loaded with munitions. A DD Form 626 (Motor Vehicle Inspection) has been prepared. You are to fill out a DD Form 836. Do this task in the surveillance office. You will use DD Form 836, DD Form 626, and AR 55-355.

EQUIPMENT

Clipboard and ballpoint pen.

STANDARDS

Do PM's correctly IAW para 216019, AR 55-355, when preparing DD Form 836. Make all entries correct and easy to read.

PERFORMANCE MEASURES

1. Enter the date you make out the form in the Date block.
2. Enter the carrier's name and trailer or truck number in the To block.
3. Enter your installation in the From block.
4. List what is loaded on the vehicle in This Truck Is Loaded With block.
5. List the explosive placards that must be put on the vehicle in the Placards block.
6. Tell in the In Case of Fire column, item 4, whether or not water may be used on the cargo if there's a fire.
7. Put in the In Case of Fire column, item 5, the distance away fireman should stay.
8. Put in item 6 of In Case of Fire column, the safe distance for the public.
9. Review form for completeness and accuracy.
10. Sign form in the Signature of Shipper's Representative block.
11. Put form with DD Form 626. The inspector will give the form to the driver after inspecting load and vehicle.

REFERENCES

AR 55-355 and SB 742-1.

TASK 093-55X-3122
MAINTAIN DA FORM 3023 (GAGE RECORD)

CONDITIONS *

Ammunition gages are being used on the maintenance line or at the surveillance workshop. You must post the DA Form 3023 for each gage. Do this task in the surveillance workshop or at the maintenance line. You will have DA Form 3023 and SB 742-1 for use.

EQUIPMENT

Clipboard and ballpoint pen.

STANDARDS

Do PM's correctly IAW SB 742-1. Make all entries correct and easy to read.

PERFORMANCE MEASURES

1. Get the DA Form 3023 for the gage used.
2. Post the gage usage on the back of the card.
3. Determine when the gage must be calibrated.
A calibration is due within ± 10% of allowable uses.

TB 43-0196, TB 750-242-2 and SB 742-1.

CONDITIONS

Operations have been finished on a lot number of munitions and all reports made out except for updating the DD Form 1650. Fill out a DD Form 1650 when the lot has been modified or when lots have been regrouped. You must fill out a new DD Form 1650 for a lot that has been renovated and post existing DD Form 1650 when preservation and packaging (P&P) operations have been done. Do this task in the surveillance office. You will have:

FORMS

PUBLICATIONS

- | | |
|---|---------------------|
| 1. Ammunition data card file. | 1. MIL-STD 1167C. |
| 2. DD Form 1650 (Ammunition Data Card). | 2. Correct Depot |
| 3. Final acceptance report. | Maintenance Work |
| 4. DA Form 985 (Data Sheet for Grand Lots, Miscellaneous Lots or Depot Lots). | Requirement (DMWR). |
| 5. A message assigning lot number suffix. | |

EQUIPMENT

Clipboard and ballpoint pen.

STANDARDS

Do PM's correctly IAW MIL-STD 1167C and the proper DMWR. All entries must be correct and easy to read.

PERFORMANCE MEASURES

1. Go over the acceptance report, which is put on the ammunition surveillance inspection report.
2. Take necessary information from the report and the proper depot maintenance work requirement (DMWR).
3. Enter the data in the correct blocks of the form.
4. Make sure the finished form is complete and accurate.
5. Send the finished form with all supporting documents to the chief ammunition inspector.

REFERENCES

TM 9-1300-250, SB 742-1 and MIL-STD 1167C.

CONDITIONS

A small arms trace test has been made and the results recorded on a local worksheet. You must fill out a DA Form 3524-R using the test characteristics on the local worksheets. This task may be done in the surveillance office. You will get DA Form 3524-R and the completed worksheets for the lot number tested. SB 742-1 and SB 742-1305-1 must be available and used.

EQUIPMENT

Ballpoint pen.

STANDARDS

Do PM's correctly IAW paragraph 11, SB 742-1305-1.

PERFORMANCE MEASURES

1. Put the right information in the To and From blocks.
2. Record the date of test in the Firing Date block.
3. Enter the size of the item in the Caliber block.
4. Record the number of samples to be tested for the lot in Sample Size block.
5. Put weather information in the blocks for Meterological Data.
6. Put the national stock number (NSN) to include DODIC in FSN/DODIC column.
7. Enter the lot number in the Functional Lot Number column.
8. Enter the total quantity for the functional lot or component lot as required.
9. List the model number and lot numbers of each type of small arms, which make up the functional lot, in the Component Lot Numbers columns.
10. Enter the year tracer lot was manufactured in Yr of Mfr column.
11. Enter the condition code of the lot in C Code column.
12. List the number of rounds fired in the barrel that will be used to fire samples of a lot in Rounds Fired In Barrel column.
13. Enter the specification trace percentage in % Spec Trace column. This percentage will include only those rounds which went off according to the specifications (app C).
14. Record the percentage of satisfactory trace for rounds with slow ignition that continue to trace up to 600 yards in the % Satisfactory Trace column.
15. Record the percent of tracer ammunition with a blind trace in Blind column % Unsatisfactory column.

TASK 093-55X-3124 (Continued)

15. Record the percent of tracer ammunition which had unsatisfactory test in the Other Defects column of % Unsatisfactory columns.
16. Put down any remarks and/or recommendations that are important in Remarks and/or Recommendations block.
17. Review report for completeness.
18. Send report to the chief ammunition inspector for approval.

REFERENCES

SB 742-1 and SB 742-1305-1.

TASK 093-55X-3151

INSPECT EMPTY MUNITION STORAGE BUILDINGS FOR SERVICEABILITY

CONDITIONS

You are an ammunition inspector and have been told to inspect an empty magazine that has not been inspected in the last 90 days. Do this task in the munitions storage area. You will have a local blank magazine/site inspection report and a copy of the last magazine/site inspection report for the location you will be inspecting. Figure 3-2 shows an example of a magazine/site inspection report. TM 9-1300-206, SB 742-1 and SOP will be available.

EQUIPMENT

Ballpoint pen and clipboard.

STANDARDS

Do PM's correctly IAW para 4-3, TM 9-1300-206; TM 743-200-1 and SB 742-1.

PERFORMANCE MEASURES

1. When inspecting the magazine, be sure to check the following:
 - a. Condition of doors (para 3-2a (11), SB 742-1).
 - b. Condition of ventilators (chap 4, TM 9-1300-206).
 - c. Proper types of fusible links on doors and ventilators (TM 743-200-1 and para 3-2a (13), SB 742-1).
 - d. Proper, housekeeping (para 3-2a (8), SB 742-1).
 - e. Proper drainage (chap 4, TM 9-1300-206).
2. List findings on magazine/site inspection worksheet. All substandard conditions will be keyed to a reference, paragraph and/or page.
3. Send magazine/site inspection worksheets to the chief ammunition inspector.

REFERENCES

TM 9-1300-206, TM 743-201-1; SB 742-1 and AMCR 385-100.

MAGAZINE/SITE INSPECTION REPORT

DATE _____

NSN AND NOMENCLATURE	QUALITY	UNIT PER PKG	EXPLOSIVE WEIGHT PER UNIT	OD CLASSIFICATION	TOTAL EXPLOSIVE WEIGHT PER NSN	LOCATION: _____	TYPE (glo, Outside, etc.): _____	EXPLOSIVE WEIGHT PER MAGAZINE: _____	EXPLOSIVE LIMIT FOR CLASS INVOLVED: _____	REMARKS	AREA# _____	FIRE SYMBOL: _____	OD CLASS: _____

THIS IS A SAMPLE FORM
THIS IS A SAMPLE FORM

Figure 3-2.

TASK 093-55X-3152

INSPECT STORAGE BUILDINGS CONTAINING MUNITIONS FOR COMPLIANCE WITH ESTABLISHED STANDARDS

CONDITIONS

You have been told to make an inspection of storage buildings and/or magazines containing munitions. Do this task in the munitions storage area. You will have:

FORMS

1. Local magazine/site inspection report.
2. Copies of previous magazine/site inspection reports for locations you must inspect.

PUBLICATIONS

1. DOD Reg 5154.4S.
2. AR 385-64.
3. TM 3-250.
4. TM 9-1300-206.
5. TM 743-200-1.
6. SB 742-1.
7. Ammunition storage drawings.
8. SOP.

EQUIPMENT

Protective clothing and safety equipment (determined by the hazards of items in storage), flashlight, clipboard and ballpoint pen.

STANDARDS

Do PM's correctly IAW chap 11, DOD Reg 5154.4S; TM 9-1300-206; TM 743-200-1; SB 742-1 and SOP. Follow all safety rules.

PERFORMANCE MEASURES

1. Make sure the right fire symbol and/or chemical hazard marker is posted (chap 11, DOD Reg 5154.4S).
2. Make sure items in building or magazine are stored according to the correct AMC ammunition storage drawings (para 3-2a, SB 742-1).
3. Decide if lots are segregated (para 3-2a, SB 712-1).
4. Check width of aisles (para 3-2a, SB 742-1). This should depend on the munitions in storage.
5. Decide stability of stacks (para 3-2, SB 742-1).
6. Evaluate adequacy of ventilation (para 4-3g, TM 9-1300-206).
7. Evaluate adequacy of dunnage (para 4-3g, TM 9-1300-206).
8. Make sure quantity distance limits in stacks are followed (para 3-2a, SB 742-1).
9. Make sure stacks are separated a safe distance where it is specified (para 3-2a, SB 742-1).

TASK 093-55X-3152 (Continued)

10. Make sure quantity distance limits in magazine or storage building are followed (para 3-2a, SB 742-1).
11. Evaluate storage compatibility of explosives and ammunition (para 3-2a, SB 742-1).
12. Make sure housekeeping is satisfactory for type of materiel in storage (para 3-2a, SB 742-1).
13. Check suitability of building or magazine for type of materiel in storage (para 3-2a, SB 742-1).
14. Check for proper types of fusible links on doors and ventilators where required (TM 743-200-1 and para 3-2a, SB 742-1).
15. Check the maintenance of firebreaks, when required, around storage location (para 3-2a, SB 742-1).
16. Put findings on magazine/site inspection report.
17. Key all substandard conditions to a specific reference to include paragraph and/or page.

REFERENCES

DOD Reg 5154.4S; AR 385-64; TM 3-250, TM 9-1300-206, TM 743-200-1; AMCR 385-100; AMC ammunition storage drawings and SOP.

TASK 093-55X-3153

INSPECT OUTSIDE STORAGE SITES CONTAINING MUNITIONS FOR COMPLIANCE WITH ESTABLISHED STANDARDS

CONDITIONS

You have been told to make an inspection of outside storage sites. These sites are normally inspected quarterly, but they may need an inspection right after severe weather. The inspection may also be directed by the chief ammunition inspector. Do this task in the munitions storage area in any weather. You will have magazine/site inspection reports and copies of previous magazine/site inspection reports for the locations you must inspect. You will have DOD Reg 5154.4S, FM 9-38, FM 9-47; TM 3-250, TM 9-1300-206, SB 742-1 and SOP.

EQUIPMENT

Protective clothing and safety equipment (determined by hazards of items in storage), clipboard and a ballpoint pen or pencil.

STANDARDS

Do PM's correctly IAW DOD Reg 5154.4S, TM 9-1300-206 and SB 742-1. Make sure all safety and security measures for specific item in storage are followed.

PERFORMANCE MEASURES

1. Make sure the right fire symbol and/or chemical hazard marker is posted (chap 11, DOD 5154.4S).
2. Be sure lots are segregated (chap 4, TM 9-1300-206).
3. Judge stability of stacks (chap 4, TM 9-1300-206).
4. Check adequacy of aisles (chap 4, TM 9-1300-206).
5. Make sure quantity distance limits in stack are met (chap 4, TM 9-1300-206).
6. Make sure stacks are separated by safety distances where specified (chap 4, TM 9-1300-206).
7. Check storage compatibility of explosives and ammunition (chap 4, TM 9-1300-206).
8. Check adequacy of dunnage (chap 4, TM 9-1300-206).
9. Inspect the outside of packaged items for deterioration or damage and for any condition that shows the chance of deterioration (para 3-3, SB 742-1).
10. Check for any nonstandard or hazardous condition which would affect the protection and preservation of the items (para 3-3, SB 742-1).

TASK 093-55X-3153 (Continued)

11. Make sure housekeeping of storage site is satisfactory (chap 4, TM 9-1300-206).
12. Check the maintenance of firebreaks where required around storage site (chap 4, TM 9-1300-206).
13. Check drainage (chap 4, TM 9-1300-206).
14. Check overhead shelters (chap 4, TM 9-1300-206).
15. Check ventilation (chap 4, TM 9-1300-206).
16. Record inspection results on magazine/site inspection report.
17. Key substandard conditions to a specific reference, paragraph and/or page.
18. Send report to the chief ammunition inspector.

REFERENCES

DOD Reg 5154.4S; FM 9-38, FM 9-47; TM 3-250, TM 9-1300-206; SB 742-1 and SOP.

TASK 093-55X-3201

PERFORM MOTOR VEHICLE INSPECTION PRIOR TO LOADING MUNITIONS USING DD FORM 626 (MOTOR VEHICLE INSPECTION)

CONDITIONS

A motor vehicle needs an inspection to determine if it can carry Class A or B explosives. You will inspect the vehicle at the vehicle holding area or at the entrance to the ASP, SASP, or depot. You will have enough copies of DD Form 626 (Motor Vehicle Inspection), a copy of AR 55-355 and SOP.

EQUIPMENT

Carbon paper, clipboard, ballpoint pen, cargo truck, trailer or other type vehicle used to carry explosives over roads.

STANDARDS

Do PM's correctly IAW AR 55-355 and SOP. Follow all safety rules.

PERFORMANCE MEASURES

1. Decide serviceability of vehicle (chap 216, para 216016).
2. Inspect vehicle for fire safety (chap 216, para 216016).
3. Fill out DD Form 626 (chap 216, para 216017).
4. Approve or disapprove vehicle for carrying Class A or B explosives (chap 216, para 216016 and 216017).
5. Give the authorized driver a copy of DD Form 626.

REFERENCES

AR 55-355; FM 9-38; TM 9-1300-206 and SB 742-1.

TASK 093-55X-3202

INSPECT MOTOR VEHICLE LOADED WITH MUNITIONS PRIOR TO RELEASE USING DD FORM 626 (MOTOR VEHICLE INSPECTION)

CONDITIONS

You are an ammunition inspector. You have been told to inspect a motor vehicle loaded with Class A or B explosives before it goes on a public highway. The motor vehicle is in the vehicle holding area. The driver will have a copy of DD Form 626. You will have all other copies of DD Form 626 and the driver's copy of DD Form 836 (Special Instructions for Motor Vehicle Drivers). AR 55-355, FM 9-38, TM 9-1300-206 and AMC ammunition outloading drawings must be used.

EQUIPMENT

Motor vehicle loaded with Class A or B explosives, seal(s) if required, clipboard and pen.

STANDARDS

Do PM's correctly IAW AR 55-355, FM 9-38, TM 9-1300-206, AMC outloading drawings and SOP. Follow all safety rules.

PERFORMANCE MEASURES

1. Get the driver's copy of DD Form 626 and put it with your copy.
 2. Make sure load is compatible (para 5-21 and 5-22, TM 9-1300-206).
 3. Make sure load is correctly distributed (appropriate AMC outloading drawing).
 4. Make sure load is secured so it will not move (appropriate AMC outloading drawing).
 5. Make sure correct hazard placards (type and quantity) are applied to the vehicle (chap 216, AR 55-355, and para 6-13, TM 9-1300-206).
 6. Place seal(s) on vehicle (if required) (para 6-13, TM 9-1300-206).
 7. Record seal number(s) on DD Form 626 (para 4-18, FM 9-38).
 8. Approve or disapprove vehicle for release (para 4-18, FM 9-38).
- NOTE: If vehicle is disapproved for release, report why to your supervisor. After discrepancies are corrected, re-inspect vehicle.
9. Give vehicle driver a copy of DD Form 836 (para 4-18, FM 9-38).
 10. Complete DD Form 626 (chap 216, AR 55-355).
 11. Give a copy to the driver and distribute others as necessary (chap 216, AR 55-355, and SOP).

REFERENCES

AR 55-355; FM 9-38; TM 9-1300-206; AMC ammunition outloading drawings.

TASK 093-55X-3203

**INSPECT INCOMING MOTOR VEHICLE LOADED WITH MUNITIONS USING DD FORM 626
(MOTOR VEHICLE INSPECTION)**

CONDITIONS

You are an ammunition inspector. You have been told to inspect an incoming motor vehicle loaded with Class A or B explosives. The motor vehicle is at the vehicle holding area. The driver will have a copy of DD Form 626 and a copy of DD Form 836 (Special Instructions for Motor Vehicle Drivers). DD Form 626, AR 55-355, FM 9-38, TM 9-1300-206 and SOP must be used.

EQUIPMENT

Motor vehicle loaded with Class A or B explosives, wire pliers, clipboard and ballpoint pen.

STANDARDS

Do PM's correctly IAW AR 55-355, FM 9-38, TM 9-1300-206. Follow all safety rules.

PERFORMANCE MEASURES

1. Verify seal(s) on vehicle, if required (para 6-13, TM 9-1300-206).
2. Make sure load is compatible (para 5-21 and 5-22, TM 9-1300-206).
3. Make sure load is correctly distributed (appropriate AMC outloading drawing).
4. Make sure load is secure to prevent movement (appropriate AMC outloading drawing).
5. Make sure shipping documents are removed and sent to the control section.
6. Make sure correct hazard placards (type and quantity) have been applied to the vehicle (chap 216, AR 55-355, and para 6-13, TM 9-1300-206).
7. Approve or disapprove vehicle for unloading (para 4-18, FM 9-38).
8. Collect vehicle driver's copy of DD Form 626 and DD Form 836 (para 4-18, FM 9-38).
9. File copies of DD Forms 626 and 836 (chap 216, AR 55-355).

REFERENCES

AR 55-355; FM 9-38; TM 9-1300-206; AMC ammunition outloading drawings and SOP.

TASK 093-55X-3204

INSPECT RAILROAD CAR PRIOR TO LOADING MUNITIONS

CONDITIONS

A railroad car has arrived at your installation and must be inspected to make sure it is suitable to carry ammunition, explosives or hazardous chemical material. Do this task in the munitions storage area at the railhead. You will have a railroad car inspection report (locally produced), R.M. Graziano's Tariff No. 29 (referred to commonly as Tariff 29), TM 9-1300-206 and SOP.

EQUIPMENT

Empty railroad car, clipboard and ballpoint pen.

STANDARDS

Do PM's correctly IAW TM 9-1300-206, Tariff 29 and SOP.

PERFORMANCE MEASURES

1. Check cleanliness of inside of railroad car (para 6-11, TM 9-1300-206, and part 174, subpart A, Tariff 29).
2. Inspect inside of railroad car for protruding nails or bolt heads (para 6-11B, TM 9-1300-206).
3. Make sure brakes are set (para 6-11b, TM 9-1300-206).
4. Make sure wheels are chocked (para 6-11b, TM 9-1300-206).
5. Make sure doors work (para 6-11b, TM 9-1300-206).
6. Make sure blue flags are at both ends of railroad car or cuts of cars (para 6-11b, TM 9-1300-206).
7. Make sure the railroad car to be loaded with Class A explosives has posted certificate signed by a railroad representative (para 6-11d, TM 9-1300-206, and part 174, subpart A, Tariff 29).
8. Record inspection results on railroad car inspection report.

REFERENCES

FM 9-38, FM 9-47; TM 3-250, TM 9-1300-206; SB 742-1; R.M. Graziano's Tariff No. 29 and SOP.

TASK 093-55X-3205

INSPECT RAILROAD CAR LOADED WITH MUNITIONS PRIOR TO RELEASE FOR COMPLIANCE WITH SAFETY STANDARDS

CONDITIONS

A railroad car has been loaded with ammunition, explosives or hazardous chemical munitions. It must be inspected prior to release for movement. Do this task in the munitions storage area at the railhead or location where loaded. You will have a railroad car inspection report (locally produced) and the publications listed below:

PUBLICATIONS

1. FM 9-38.
2. FM 9-47.
3. TM 3-250.
4. TM 9-1300-206.
5. SB 742-1.
6. R.M. Graziano's Tariff No. 29.
7. Bureau of Explosives Pamphlets 6, 6A, 6C.
8. Ammunition outloading drawings.
9. SOP.

EQUIPMENT

Railroad car loaded with munitions, protective clothing and safety equipment (determined by hazards of items loaded in railroad car), clipboard and pen.

STANDARDS

Do all PM's correctly IAW TM 9-1300-206, ammunition outloading drawings, Bureau of Explosives Pamphlets 6, 6A, and 6C, Tariff 29. Follow all safety rules.

PERFORMANCE MEASURES

1. Make sure items are properly distributed in railroad car (TM 9-1300-206).
2. Make sure items are compatible for shipment (para 6-11, TM 9-1300-206).
3. See if items are properly blocked, braced and/or tied-down (Bureau of Explosives Pamphlets 6, 6A, or 6C).
4. Make sure enough proper placards are applied to railroad car (part 174, subpart C, Tariff 29).
5. Approve or disapprove railroad car for movement.
6. Record inspection results on railroad car inspection report.
7. Sign appropriate portions of car certificates (para 174.525 (c) (3), Tariff 29).

TASK 093-55X-3205 (Continued)

8. Record car seal numbers on railroad car inspection report after railroad car has been sealed.
9. Send report to the surveillance office; explain any discrepancies.

REFERENCES

FM 9-38, FM 9-47; TM 3-250, TM 9-1300-206; SB 742-1; R.M. Graziano's Tariff No. 29; Bureau of Explosives Pamphlets 6, 6A and 6C, and SOP.

TASK 093-55X-3206

INSPECT INCOMING RAILROAD CAR LOADED WITH MUNITIONS FOR COMPLIANCE WITH SAFETY STANDARDS

CONDITIONS

You are an ammunition inspector assigned to a surveillance section. You have been told to inspect an incoming railroad car loaded with munitions. Do this task at a railhead. A railroad car inspection report (locally produced), TM 9-1300-206 and SOP will be available.

EQUIPMENT

Clipboard, ballpoint pen, and paper.

STANDARDS

Do PM's correctly IAW TM 9-1300-206 and SOP.. Follow all safety rules.

PERFORMANCE MEASURES

1. Examine car seals (para 6-11f).
2. Examine railroad car for sabotage (para 6-11f).
3. Inspect cargo for proper blocking and bracing (para 6-11f).
4. If any unsafe condition or evidence of sabotage is found, move railroad car to suspect-car track (para 6-11f).
5. Record all deficiencies on railroad car inspection report.
6. Send report to the chief ammunition inspector for review.

REFERENCES

TM 9-1300-206; AMCR 385-100 and AMC ammunition outloading drawing.

TASK 093-55X-3207

INSPECT MILVAN CONTAINERS PRIOR TO LOADING WITH MUNITIONS FOR COMPLIANCE WITH ESTABLISHED STANDARDS

CONDITIONS

You are an ammunition inspector assigned to a surveillance section, and you must make an inspection of a MILVAN before loading. Do this task at the location of the container. AR 55-355, FM 55-70, TM 9-1300-206, MILVAN inspection SOP, and locally produced MILVAN inspection certificate will be available and used.

EQUIPMENT

Clipboard, pencil, paper, and MILVAN containers.

STANDARDS

Do PM's correctly IAW AR 55-355, FM 55-70, TM 9-1300-206 and MILVAN inspection SOP. Follow all safety rules.

PERFORMANCE MEASURES

1. Inspect inside of MILVAN for trash, holes and nails.
2. Inspect load bracing system to be sure it is complete and serviceable.
3. Inspect doors for serviceability.
4. Check maintenance log attached to doors to verify maintenance on MILVAN.
5. Check the outside of the MILVAN for rust, holes, and/or other evidence of deterioration.
6. Fill out and sign locally produced MILVAN inspection certificate and put certificate on the inside of container door.

REFERENCES

AR 55-355; FM 55-70; TM 9-1300-206 and MILVAN inspection SOP.

TASK 093-55X-3208

INSPECT MILVAN CONTAINERS LOADED WITH MUNITIONS FOR COMPLIANCE WITH SAFETY STANDARDS

CONDITIONS

You are an ammunition inspector and have been told to inspect a MILVAN loaded with munitions. Do this task at the railhead or at the vehicle holding area. Use a MILVAN inspection certificate, DD Form 626 (Motor Vehicle Inspection) or railroad car inspection report, and shipping document. You will have AR 55-355, FM 55-70, MILVAN drawings and SOP for inspecting MILVAN's.

EQUIPMENT

Clipboard, pencil, paper and MILVAN containers.

STANDARDS

Do PM's correctly IAW AR 55-355, FM 55-70, and SOP for inspection of MILVAN. Follow all safety rules. *

PERFORMANCE MEASURES

1. Verify load with shipping documents.
2. Make sure ammunition is blocked and braced right.
3. Verify that doors are sealed and/or locked if required.
4. Check compatibility of load.
5. Make sure the right explosive and/or chemical placards are posted.
6. Fill out and sign locally produced MILVAN inspection certificate.
7. Fill out DD Form 626 or railroad car inspection report.

REFERENCES

AR 55-355; FM 55-70; TM 9-1300-206 and MILVAN inspection SOP.

**TASK 093-55X-3209
INSPECT MUNITIONS PREPARED FOR AIR SHIPMENT**

CONDITIONS

You have been told to inspect munitions prepared for air shipment. Do this task in an ammunition storage area. You will have an ammunition surveillance inspection report (ASIR), DD Form 836-1 (Briefing for Aircraft Commander Transporting Explosives or Other Dangerous Articles), DOD Reg 4500.34-R AR 55-355, TM 38-250 and SOP.

EQUIPMENT

Clipboard and ballpoint pen.

STANDARDS

Do PM's correctly IAW DOD Reg 4500.32-R and TM 38-250. Follow all safety rules.

PERFORMANCE MEASURES

1. Inspect munitions for proper packing (para 1-3, TM 38-250).
2. Inspect containers for the right marking and labeling (para 1-3, table 13-1, fig 13-1 and 13-4, TM 38-250; para 5-4 and fig 5-2, DOD Reg 4500.32-R).
3. Fill out DD Form 836-1 (TM 38-250).
4. Furnish the aircraft commander a copy of the DD Form 836-1.
5. Record deficiencies on surveillance inspection report and tell control section of deficiencies.
6. Send report to the chief ammunition inspector.

REFERENCES

DOD Reg 4500.32-R; AR 55-355; TM 9-1300-206, TM 38-250; MIL-STD 129F and SOP.

TASK 093-55X-3251

INSPECT MUNITIONS HANDLING OPERATIONS FOR COMPLIANCE WITH SAFETY STANDARDS

CONDITIONS

You are an ammunition inspector assigned to the surveillance section working as an area inspector. You must monitor munitions handling operations for compliance with safety standards. Figure 3-3 shows an example of an area operational inspection report. This is only an example, and you can use local format. Do this task in the munitions storage area in good weather. TM 9-1300-206, SOP and a locally made area operational inspection report will be available for you to use.

EQUIPMENT

Clipboard, paper and a ballpoint pen.

STANDARDS

Do PM's correctly IAW TM 9-1300-206 and SOP. Follow all safety rules.

PERFORMANCE MEASURES

1. Find out if the operation is violating quantity distance standards (table 4-4 and chap 5, TM 9-1300-206).
2. Decide if the operation violates compatibility standards (para 4-41, 5-22 and table 5-41; TM 9-1300-206).
3. Make sure that each person is wearing the right protective clothing and equipment required for the operation (para B-4, TM 9-1300-206).
4. Make sure dock plates are of the proper design and are correctly installed between trucks, trailers, railroad cars and loading docks (para B-5, TM 9-1300-206).
5. Decide if the right materials handling equipment (MHE) is being used for the location and the operation (para B-6, TM 9-1300-206).
6. Make sure that MHE is refueled at a safe distance from the operation (para B-6, TM 9-1300-206).
7. Make sure the right equipment is used in refueling operations (para B-6, TM 9-1300-206).
8. Be sure personnel operating MHE handle munitions safely (para B-6, TM 9-1300-206).
9. Verify that MHE has been "load tested" within the specified period (para B-6, TM 9-1300-206 and SOP).
10. Be sure that the work area is not crowded with munitions, personnel, equipment or vehicles and that operations are being done in a smooth and safe manner.

TASK 093-55X-3251 (Continued)

11. Make sure each forklift and vehicle is equipped with the right fire extinguisher (para B-6, TM 9-1300-206).
12. Check to be sure that trailer or truck wheels are chocked (para B-5, TM 9-1300-206).
13. Make sure railroad car wheels are chocked, hand brake is set and blue flags or warning signs are posted at both ends of railroad car or cuts of railroad cars.
14. Make sure anyone who handles munitions manually follows basic lifting principles (para B-8, TM 9-1300-206).
15. See if hand tools are being used correctly and safely (para B-9, TM 9-1300-206).
16. Make on-the-spot corrections of any unsafe act or condition noted while you watch the operation.
17. Tell the foreman of the operation of any unsafe act or nonstandard conditions you see.
18. Prepare an area operational inspection report for the operation you monitor.
19. Complete the area operational inspection report. Key each discrepancy noted on the report to a specific reference, paragraph and/or page.
20. Tell the chief ammunition inspector about any discrepancies not corrected that you noted during monitoring of an operation.
21. File the area operational inspection report.

REFERENCES

AR 385 series; FM 9-6, FM 9-13, FM 9-38, FM 9-47, FM 9-59;
TM 9-1300-206, TM 743-200, TM 743-200-1; AMCR 385-100 and local SOP.

AREA OPERATIONAL INSPECTION

Figure 3-3.

TASK 093-55X-3301

PERFORM INITIAL RECEIPT INSPECTION OF SMALL ARMS AMMUNITION

CONDITIONS

You are an ammunition inspector in a surveillance section and you have to make an initial receipt inspection of a lot number of small arms ammunition. The lot must be inspected for visible damage when it comes from the vendor. Do this task in the surveillance workshop or the ammunition storage area in good weather. You will have:

FORMS

1. DD Form 250 (Materiel Inspections and Receiving Report).
2. DD Form 1577 (Unserviceable Condemned Tag-Materiel) or DD Form 1577-1 (Unserviceable Condemned Label-Materiel).
3. DA Form 2415 (Ammunition Condition Report).
4. DA Form 3022-R [Army Depot Surveillance Record (DSR)].
5. DA Form 3023 (Gage Record).
6. DA Form 3151-R (Ammunition Stores Slip) or DA Form 4508 (Ammunition Transfer Record).
7. SF Form 361 (Discrepancy in Shipment Report).
8. Ammunition surveillance inspection report (ASIR).

PUBLICATIONS

1. DOD Reg 5154.4S.
2. AR 700-22.
3. AR 725-50.
4. TM 9-1305-200.
5. TM 38-750.
6. TM 743-200-1.
7. SB 742-1.
8. Ammunition drawings.
9. SOP for inspecting small arms.

EQUIPMENT

1. Strapping and sealing equipment.
2. Face shield or safety goggles.
3. Steel-toe safety shoes.
4. Explosive handler's coveralls.
5. Leather or leather-palm gloves.
6. Hammer.
7. Crowbar.
8. Lead wire seals.
9. Lead wire sealer.
10. Pressure-sensitive adhesive tape.
11. Surveillance workshop equipment.
12. Fire symbols.
13. Fire fighting equipment.
14. Ballpoint pen.
15. Paper.
16. Samples of a lot of small arms.
17. A cargo vehicle.

TASK 093-55X-3301 (Continued)

STANDARDS

Do performance measures (PM's) right in accordance with (IAW) DOD Reg 5154.4S, AR 700-22, AR 725-50, FM 9-38, TM 38-750, TM 743-200-1, SB 742-1, MIL-STD 129F, MIL-STD 299, MIL-STD 636, MIL-STD 444, and applicable ammunition drawings. Other references may be used IAW para 2-2b, SB 742-1. When you use drawings and specifications in making your inspection, be sure they are the same as listed on the Ammunition Data Card. Follow all safety rules.

PERFORMANCE MEASURES

1. Select samples (para 2-2, 2-21, and/or 2-22, SB 742-1).
2. Inspect more outer packs at storage location as needed.
3. Write down the results of inspection of outer pack on ASIR (SOP).
4. Send samples needing more detailed inspection to the surveillance workshop.
5. Post fire symbols at surveillance workshop (chap 11, DOD Reg 5154-4S).
6. Inspect outer pack including DOT nomenclature and other markings (appropriate ammunition drawings and MIL-STD).
7. Write down inspection results and classify defects of outer packs on the ASIR (para 2-4, SB 742-1, and SOP).
8. Open and take contents from container if necessary.
9. Inspect inner pack, if necessary (appropriate MIL-STD and ammunition drawing).
10. Write down inspection results and classify defects of inner packs on the ASIR, if necessary (para 2-4, SB 742-1, and SOP).
11. Inspect items, if necessary (proper MIL-STD and ammunition drawings).
12. Write down inspection results and classify defects of the items on the ASIR, if inspected (para 2-4, SB 742-1, and SOP).
13. Repack items if necessary (applicable ammunition drawings).
14. Identify boxes as surveillance samples as necessary (para 2-2c, SB 742-1).
15. Evaluate inspection results and recommend appropriate ACC (app AB, AR 725-50).
16. Complete ASIR (chap 4, AR 700-22, and SOP).
17. Make out an ammunition condition code (ACC) status change using DA Form 3151-R or DA Form 4508 (para 3-16, FM 9-38, and para 5.2.4.5.4, TM 743-200-1).
18. Make out enough materiel tags or labels for lot number to put on each stack (para 5.4.16.2 or 5.4.16.3, MIL-STD 129F).
19. Make out ammunition condition report (ACR) for lot number as necessary. (para 5-8, TM 38-750, and para 5.2.4.5.4, TM 743-200-1).
20. Get document numbers for ACC status change, materiel tags or labels, and ACR (SOP).

TASK 093-55X-3301 (Continued)

21. Post document numbers to the right document as required. All document numbers will be posted to ASIR.
22. Make sure all reports and forms are complete and accurate.
23. Send reports and DSR card to the administrative branch.

REFERENCES

DOD Reg 5154.4S; AR 700-22, AR 725-50; FM 9-38; TM 9-1305-200, TM 38-750, TM 743-200-1; TB 43-0195; SB 700-1300-1, SB 742-1; MIL-STD 129F, MIL-STD 299, MIL-STD 406, MIL-STD 636, MIL-STD 644; applicable MIL-SPEC; applicable ammunition drawings and SOP for inspecting small arms.

TASK 093-55X-3302

PERFORM RECEIPT INSPECTION OF SMALL ARMS AMMUNITION

CONDITIONS

You are an ammunition inspector in a surveillance section, and you have been told to make a receipt inspection of a lot of small arms ammunition. Do this task in the surveillance workshop and the ammunition storage area during good weather. The lot will need a receipt inspection when conditions are as follows:

(1) When materiel comes from another storage activity and the DA Form 3022-R [Army Depot Surveillance Record (DSR)] shows an inspection was made on the lot of ammunition within the proper time interval. Your inspection will be on a sampling basis for damage in transit only. If there was damage, sample the lot and examine for damage in transit, deterioration defects and nonstandard conditions.

(2) When materiel comes from another storage activity with no DSR card. Your inspection will be on a sampling basis for damage in transit, deterioration and nonstandard conditions. More samples may be needed to decide the serviceability of the lot.

(3) When you get field returns. Besides a 100% inspection of materiel in unsealed containers, inspect sealed containers by sampling basis for damage in transit, deterioration and nonstandard conditions.

Do this task in the surveillance workshop or other inspection area. You will have:

FORMS

1. DD Form 1577 (Unserviceable Condemned Tag-Materiel) or DD Form 1577-1 (Unserviceable Condemned Label-Materiel).
2. DA Form 2415 (Ammunition Condition Report).
3. DA Form 3022-R [Army Depot Surveillance Record (DSR)].
4. DA Form 3151-R (Ammunition Stores Slip), DA Form 4508 (Ammunition Transfer Record).
5. Ammunition surveillance inspection report (ASIR).

PUBLICATIONS

1. DOD Reg 5154.4S.
2. AR 700-22.
3. AR 725-50.
4. TM 9-1305-200.
5. TM 38-750.
6. TM 743-200-1.
7. SB 742-1.
8. Ammunition drawings.
9. SOP for inspecting small arms.

TASK 093-55X-3302 (Continued)

1. Strapping and sealing equipment.
2. Face shield or safety goggles.
3. Steel-toe safety shoes.
4. Explosive handler's coveralls.
5. Leather or leather-palm gloves.
6. Hammer.
7. Crowbar.
8. Lead wire seals.
9. Lead wire sealer.
10. Pressure-sensitive adhesive tape.
11. Surveillance workshop equipment.
12. Fire symbols.
13. Fire fighting equipment.
14. Ballpoint pen.
15. Paper.
16. Samples of a lot number of small arms.
17. A cargo vehicle.

STANDARDS

Do PM's correctly IAW DOD Reg 5154.4S, AR 700-22, AR 725-50, FM 9-38, TM 38-750, TM 743-200-1; SB 700-1300-1, SB 742-1, MIL-STD 129F, MIL-STD 299, MIL-STD 406, MIL-STD 636, MIL-STD 644, applicable ammunition drawings and SOP. Other references may be used IAW para 2-2b, SB 742-1. When you use drawings and specifications in making your inspection, be sure they are the same as listed on the Ammunition Data Card. Follow all safety rules.

PERFORMANCE MEASURES

1. Select samples (para 2-2, 2-21 and/or 2-22, SB 742-1).
2. Inspect other outer packs at storage location as necessary.
3. Write down the results of inspection of outer pack on ASIR (SOP).
4. Send samples to surveillance workshop if necessary.
5. Post fire symbols (chap 11, DOD Reg 5154.4S).
6. Inspect outer pack to include DOT nomenclature and other markings (appropriate MIL-STD and ammunition drawing).
7. Write down the inspection results and classify the defects of the outer packs on the SSIR (para 2-4, SB 742-1, and SOP).
8. Open and take contents from container if necessary.
9. Inspect inner pack as necessary (appropriate MIL-STD and ammunition drawings).
10. Write down the inspection results and classify the defects of inner packs on the ASIR (para 2-4, SB 742-1, and SOP).
11. Inspect items as necessary (appropriate MIL-STD and ammunition drawings).
12. Write down inspection results and classify defects of item inspection on ASIR (para 2-4, SB 742-1, and SOP).
13. Repack items as necessary (applicable ammunition drawings).
14. Identify boxes as surveillance samples if necessary (para 2-2c, SB 742-1).
15. Evaluate inspection results and recommend appropriate ACC (app AB, AR 725-50).

TASK 093-55X-3302 (Continued)

16. Complete ASIR (chap 4, AR 700-22, and SOP).
17. Make out as necessary, an ammunition condition code (ACC) status change using DA Form 3151-R or DA Form 4508 (para 3-16, FM 9-38, and para 5.2.4.5.4, TM 743-200-1) when the condition code of the lot number is recommended for ACC change.
18. Make out enough materiel tags or labels for lot number to put on each stack if necessary (para 5.4.16.2 or 5.4.16.3, MIL-STD 129F).
19. Make out ammunition condition report (ACR) for lot number as necessary (para 5-8, TM 38-750).
20. Get document numbers for ACC status change, materiel tags or labels, and ACR if necessary.
21. Post document numbers on the right document as necessary. All document numbers will be posted to ASIR.
22. Make sure all reports and forms are complete and accurate.
23. Send reports and DSR card to administrative branch.

REFERENCES

DOD Reg 5154.4S; AR 700-22, AR 725-50; FM 9-38; TM 9-1300-206, TM 9-1305-200, TM 38-750, TM 743-200-1; TB 43-0195; SB 700-1300-1, SB 742-1; MIL-STD 129F, MIL-STD 299, MIL-STD 406, MIL-STD 636, MIL-STD 644, applicable MIL-SPEC, applicable ammunition drawings and SOP for inspecting small arms.

TASK 093-55X-3303

PERFORM PERIODIC INSPECTION OF SMALL ARMS AMMUNITION

CONDITIONS

You are an ammunition inspector in the stockpile reliability branch and the inspection forecast shows a periodic inspection (PI) is needed for a lot of small arms ammunition. You'll do this task in the surveillance workshop or outdoors in good weather. You need help to handle, open and repack ammunition. You will have:

FORMS

1. DD Form 1577 (Unserviceable Condemned Tag-Materiel) or DD Form 1577-1 (Unserviceable Condemned Label-Materiel).
2. DD Form 1577-2 (Unserviceable Reparable Tag-Materiel) or DD Form 1577-3 (Unserviceable Reparable Label-Materiel).
3. DA Form 2415 (Ammunition Condition Report).
4. DA Form 3022-R [(Army Depot Surveillance Record (DSR)].
5. DA Form 3023 (Gage Record)
6. DA Form 3151-R (Ammunition Stores Slip) or DA Form 4508 (Ammunition Transfer Record).
7. Ammunition surveillance inspection records (ASIR).
8. The inspection forecast.

PUBLICATION

1. DOD Reg 5154.4S.
2. AR 700-22.
3. AR 725-50.
4. FM 9-38.
5. TM 9-1305-200.
6. TM 38-750.
7. TM 743-200-1.
8. SB 742-1.
9. MIL-STD 129F.
10. MIL-STD 299.
11. MIL-STD 636.
12. MIL-STD 644.
13. Ammunition drawings.
14. SOP.

EQUIPMENT

1. Gravity conveyor sections.
2. Conveyor stands.
3. Faceshield or safety goggles.
4. Steel-toe safety shoes.
5. Explosive handler's uniform.
6. Leather or leather-palm gloves.
7. Hammer.
8. Pliers.
9. Crowbar.
10. Lead wire sealer.
11. Stencil brushes.
12. Paint brushes.
13. Stencil cutting machine.
14. Strapping and sealing kit.
15. Surveillance work table (APE 2050) with accessories.

TASK 093-55X-3303 (Continued)

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| 16. Small arms chamber gages. | 24. Stencil paper. |
| 17. Fire fighting equipment. | 25. Stencil paint. |
| 18. Fire symbols. | 26. Obliterating paint
(SPEC TT-L-40). |
| 19. First aid kit. | 27. Orange paint (SPEC TT-E-515). |
| 20. Lead wire seals. | 28. Pressure-sensitive adhesive
tape (SPEC UU-T-106). |
| 21. Steel strapping. | 29. Clipboards. |
| 22. Steel strapping clips. | 30. Pencils or ballpoint pens. |
| 23. Inner and outer packing
material. | |

STANDARDS

Do PM's correctly IAW DOD Reg 5154.4S, AR 700-22, AR 725-50, FM 9-38, TM 38-750, TM 743-200-1, SB 700-1300-1, SB 742-1, MIL-STD 129F, MIL-STD 299, MIL-STD 406, MIL-STD 636, MIL-STD 644, applicable ammunition drawings and SOP. Other references may be used IAW para 2-2b, SB 742-1. When you use drawings and specifications in making your inspection, be sure they are the same as listed on the Ammunition Data Card. Follow all safety rules for the item.

PERFORMANCE MEASURES

1. Select samples from storage (para 2-2 and para 2-21 or para 2-22, SB 742-1).
2. Send samples to surveillance workshop or inspection area.
3. Post fire symbols (chap 11, DOD Reg 5154.48).
4. Inspect outer packs to include DOT nomenclature and markings (MIL-STD 299, MIL-STD 406, applicable ammunition drawings and para 2-2b, SB 742-1).
5. Open outer pack and take out contents.
6. Inspect inner pack (MIL-STD 406, MIL-STD 644, and applicable ammunition drawings).
7. Inspect items (applicable MIL-STDS, MIL-SPECs and ammunition drawings). Pick the same number of items from all packages (outer packs) being inspected For example, 30 rounds from each of the 10 packages.
8. Gage each round using the appropriate gage. (applicable ammunition drawings).
9. Write number of passes on the gage record card (para 4-2c, SB 742-1).
10. Inspect 20 belts for defective links (MIL-STD 644 and applicable ammunition drawings).
11. Do a torsion test (twist test) of linked ammunition (para 5.1.6.2, MIL-STD 644).
12. Do a deadweight test (pull test) of linked ammunition (para 5.1.6.2.2, MIL-STD 644).
13. Repackage items (applicable ammunition drawings or para 2-2c, SB 742-1).

TASK 093-55X-3303 (Continued)

14. Identify boxes as surveillance samples (para 2-2c, SB 742-1).
15. Record results of inspection to include gaging, torsion test and/or deadweight test and classify defects on the ASIR (para 2-4, SB 742-1, and SOP).
16. Complete ASIR (chap 4, AR 700-22, app AB, AR 725-50, and SOP). Figure 3-1 shows a completed sample that you can use as a guide to complete the report.
17. Make out an ammunition condition code (ACC) status change using DA Form 3151-R or DA Form 4508 (para 3-16, FM 9-38, or para 5.2.4.5.4, TM 743-200-1). Make an ACC status change when the condition code of the lot number after inspection is different than before.
18. Make out enough materiel tags or labels for lot to put on each stack (para 5.4.16.2 or para 5.4.16.3, MIL-STD 129F).
19. Make out an ammunition condition report (ACR) for lot number, if required (para 5-8, TM 38-750).
20. Get document numbers for ACC status change, materiel tags or labels and ACR.
21. Post document numbers to the right document. Post document numbers to ASIR.
22. Make sure reports and forms are complete and accurate.
23. Send reports and DSR card to administrative branch.

REFERENCES

DOD Reg 5154.4S; AR 700-22, AR 725-50; FM 9-38; TM 9-1300-206, TM 9-1305-200, TM 38-750, TM 743-200-1; TB 43-0195; SB 742-1; MIL-STD 129F, MIL-STD 299, MIL-STD 406, MIL-STD 636, MIL-STD 644; MIL-SPECs; ammunition drawings and SOP.

TASK 093-55X-3304

PERFORM PRE-ISSUE INSPECTION OF SMALL ARMS AMMUNITION

CONDITIONS

You are an ammunition inspector, and you have been told to do a pre-issue inspection of a lot number of small arms. Do this task at the surveillance workshop or other inspection area. You'll have:

FORMS

1. DD Form 1577 (Unserviceable Condemned Tag-Materiel) or DD Form 1577-1 (Unserviceable Condemned Label-Materiel).
2. DD Form 1577-2 (Unserviceable Reparable Tag-Materiel) or DD Form 1577-3 (Unserviceable Reparable Label-Materiel).
3. DA Form 2415 (Ammunition Condition Report).
4. DA Form 3022-R [Army Depot Surveillance Record (DSR)].
5. DA Form 3023 (Gage Record).
6. DA Form 3151-R (Ammunition Stores Slip) or DA Form 4508 (Ammunition Transfer Record).
7. Ammunition surveillance inspection report.

PUBLICATIONS

1. DOD Reg 5154.4S.
2. AR 700-22.
3. AR 725-50.
4. FM 9-38.
5. TM 38-750.
6. TM 743-200-1.
7. SB 742-1.
8. MIL-STD 129F.
9. MIL-STD 299.
10. MIL-STD 636.
11. MIL-STD 644.
12. AMC ammunition drawings.
13. SOP.
14. Supplemental related technical publications.

EQUIPMENT

1. Strapping and sealing equipment.
2. Face shield or safety goggles.
3. Steel-toe safety shoes.
4. Explosive handler's coveralls.
5. Leather or leather-palm gloves.
6. Hammer.
7. Crowbar.
8. Lead wire seals.
9. Lead wire sealer.
10. Pressure-sensitive adhesive tape.
11. Surveillance workshop equipment.
12. Fire symbols.
13. Fire fighting equipment.
14. Samples of a lot number of small arms ammunition.
15. Cargo vehicle.
16. Ballpoint pen.
17. Paper.

STANDARDS

Do PM's correctly IAW DOD Reg 5154.4S, AR 700-22, AR 725-50, FM 9-38, TM 38-750, TM 743-200-1, SB 742-1, MIL-STD 129F, MIL-STD 299, MIL-STD 636,

TASK 093-55X-3304 (Continued)

MIL-STD 644, applicable ammunition drawings, and SOP. Other references may be used IAW para 2-2b, SB 742-10. When you use drawing and specifications in making your inspection, be sure they are the same as listed on the Ammunition Data Card. Follow all safety rules.

PERFORMANCE MEASURES

1. Select samples from storage (para 2-2, 2-21 and/or 2-22, SB 742-1).
2. Inspect more outer packs at storage location as needed.
3. Enter results of inspection on ASIR.
4. Send samples to surveillance workshop.
5. Post fire symbols (chap 11, DOD Reg 5154.4S).
6. Inspect outer pack to include DOT nomenclature and other markings (MIL-STD and ammunition drawing).
7. Write down inspection results and classify defects on the ASIR (para 2-4, SB 742-1, and SOP).
8. Open and take contents from container.
9. Inspect inner pack (MIL-STD and ammunition drawings).
10. Write down inspection results and classify defects on the ASIR (para 2-4, SB 742-1, and SOP).
11. Inspect items (MIL-STD and ammunition drawings).
12. Write down the inspection results and classify defects of items on the ASIR (para 2-4, SB 742-1, and SOP).
13. Repack items (ammunition drawings).
14. Identify boxes as surveillance samples (para 2-2c, SB 742-1).
15. Evaluate inspection results and recommend appropriate ACC (app AB, AR 725-50).
16. Complete the ASIR (chap 4, AR 700-22, and SOP).
17. Make out an ammunition condition code (ACC) status change using DA Form 3151-R or DA Form 4508 (para 3-16, FM 9-38 or para 5.2.4.5.4, TM 743-200-1). An ACC status change will be filled out when the condition code of the lot number is recommended for ACC change.
18. Fill out enough materiel tags or labels for lot number to put on each stack (para 5.4.16.2 or 5.4.16.3, MIL-STD 129F).
19. Make out an ammunition condition report (ACR) for lot number, if required (para 5-8, TM 38-750).
20. Get document numbers for ACC status change materiel tags or labels and ACR.
21. Post document numbers to proper document. Post all document numbers to ASIR.
22. Make sure reports and forms are complete and accurate.
23. Send reports and DSR card to administrative branch.

TASK 093-55X-3304 (Continued)

REFERENCES

DOD Reg 5154.4S; AR 700-22, AR 725-50; FM 9-38; TM 9-1305-200, TM 38-750, TM 743-200-1; TB 43-0195; SB 742-1; MIL-STD 129F, MIL-STD 299, MIL-STD 406, MIL-STD 636, MIL-STD 644; MIL-SPECs; ammunition drawings and SOP.

TASK 093-55X-3305

PERFORM SPECIAL INSPECTION OF SMALL ARMS AMMUNITION

CONDITIONS

You are an ammunition inspector in the stockpile reliability branch in the surveillance section. You have been told to make a special inspection of a lot of small arms ammunition. Do this task in the surveillance workshop or other inspection area. You will have:

FORMS

1. DD Form 1577 (Unserviceable Reparable Tag-Materiel) or DD Form 1577-1 (Unserviceable Reparable Label-Materiel).
2. DD Form 1577-2 (Unserviceable Reparable Tag-Materiel) or DD Form 1577-3 (Unserviceable Reparable Label-Materiel).
3. DA Form 2415 (Ammunition Condition Report).
4. DA Form 3022-R (Army Depot Surveillance Record card).
5. DA Form 3023 (Gage Record).
6. DA Form 3151-R (Ammunition Stores Slip) or DA Form 4508 (Ammunition Condition Report).
7. Ammunition surveillance inspection report (ASIR).

PUBLICATIONS

1. DOD Reg 5154.4S.
2. AR 700-22.
3. AR 725-50.
4. FM 9-38.
5. TM 9-1305-200.
6. TM 38-750.
7. TM 743-200-1.
8. SB 742-1.
9. MIL-STD 129F.
10. MIL-STD 299.
11. MIL-STD 636.
12. MIL-STD 644.
13. Ammunition drawings.
14. SOP.

EQUIPMENT

1. Gravity conveyor section.
2. Conveyor stands.
3. Face shield or safety goggles.
4. Steel-toe safety shoes.
5. Explosive handler's uniform.
6. Leather or leather-palm gloves.
7. Hammer.
8. Pliers.
9. Crowbar.
10. Lead wire sealer.
11. Stencil brushes.
12. Paint brushes.
13. Stencil-cutting machine.
14. Strapping and sealing kit.
15. Surveillance work table (APE 2050) with accessories.
16. Small arms chamber gages.
17. Fire fighting equipment.
18. Fire symbols.
19. First aid kit.
20. Lead wire seals.
21. Strapping.
22. Steel strapping clips.
23. Inner and outer packing material.
24. Stencil paper.
25. Stencil paint.
26. Obliterating paint. (SPEC TT-L-40).
27. Orange paint (SPEC TT-E-515).
28. Pressure-sensitive adhesive tape (SPEC UU-T-106).
29. Clipboards.
30. Ballpoint pen or pencil.

TASK 093-55X-3305 (Continued)

STANDARDS

Do performance measures (PM's) correctly IAW DOD Reg 5154.4S, AR 700-22, AR 725-50, FM 9-38, TM 38-750, TM 743-200-1, SB 700-1300-1, SB 742-1, MIL-STD 129F, MIL-STD 299, MIL-STD 636, MIL-STD 644, applicable ammunition drawings and SOP. Other references may be used IAW para 2-2b, SB 742-1. When you use drawings and specifications in making your inspection, be sure they are the same as listed on the Ammunition Data Card. Follow all safety rules.

PERFORMANCE MEASURES

1. Select samples from storage (para 2-2, SB 742-1).
2. Record inspection of outer pack on ASIR (SOP).
3. Send samples to surveillance workshop or other inspection area.
4. Post fire symbols (chap 11, DOD Reg 5154.4S).
5. Inspect outer packs to include DOT nomenclature and other markings (MIL-STD 299, MIL-STD 406, applicable ammunition drawings and para 2-2b, SB 742-1).
6. Open outer pack and take out its contents.
7. Inspect inner pack (MIL-STD 406, MIL-STD 644, and applicable ammunition drawings).
8. Inspect items (applicable MIL-STD, MIL-SPEC, and ammunition drawings). The same number should be selected from all packages (outer packs) being inspected. For example, 30 rounds from each package.
9. Gage each round using the appropriate small arms gage (applicable ammunition drawing).
10. Record number of passes on gage record (para 4-2c, SB 742-1).
11. Inspect 20 belts for defective links (MIL-STD 644 and applicable ammunition drawings).
12. Do a torsion test (twist test) of linked ammunition (para 5.1.6.2, MIL-STD 644).
13. Do a deadweight test (pull test) of linked ammunition (para 5.1.6.2.2, MIL-STD 644A).
14. Repackage items (applicable ammunition drawings or para 2-2c, SB 742-1).
15. Label boxes as surveillance samples (para 2-2c, SB 742-1).
16. Record results of inspection to include gaging and/or torsion test and deadweight test and classify all defects found (para 2-4, SB 742-1 and SOP).
17. Complete ASIR (chap 4, AR 700-22; app AB, AR 725-50, and SOP).
18. Make out an ammunition condition code (ACC) status change using DA Form 3151-R or DA Form 4508 (para 3-16, FM 9-38, or para 5.2.4.5.4, TM 743-200-1). Fill out an ACC status change when the lot number is recommended for ACC change.

TASK 093-55X-3305 (Continued)

19. Fill out enough materiel tags or labels for lot number to put on each stack (para 5.4.16.2 or para 5.4.16.3, MIL-STD 129F).
20. Make an ammunition condition report (ACR) for lot number, if required (para 5-8, TM 38-750).
21. Get and post document numbers to the right documents. All document numbers will be posted to ASIR.
22. Make sure all reports are complete and accurate.
23. Send reports and DSR card to administrative branch.

REFERENCES

DOD Reg 5154.4S; AR 700-22, AR 725-50; FM 9-38; TM 9-1305-200, TM 38-750, TM 743-200-1; TB 43-0195; SB 742-1; MIL-STD 129F, MIL-STD 299, MIL-STD 406, MIL-STD 636, MIL-STD 644; applicable MIL-SPEC; and ammunition drawings and SOP.

TASK 093-55X-3306

PERFORM INITIAL RECEIPT INSPECTION OF ARTILLERY AMMUNITION

CONDITIONS

You have been told to make an initial receipt inspection of a lot of artillery ammunition. Do this task at the surveillance workshop or munitions storage area. You'll have:

- | FORMS | PUBLICATIONS |
|--|-------------------------|
| 1. DD Form 250 (Materiel Inspection and Receiving Report). | 1. DOD 5154.4S. |
| 2. DD Form 1577 (Unserviceable Condemned Tag-Materiel) or DD Form 1577-1 (Unserviceable Condemned Label-Materiel). | 2. AR 700-22. |
| 3. DD Form 1577-2 (Unserviceable Reparable Tag-Materiel) or DD Form 1577-3 (Unserviceable Reparable Label-Materiel). | 3. AR 725-50. |
| 4. DA Form 2415 (Ammunition Condition Report). | 4. FM 9-38. |
| 5. DA Form 3022-R [Army Depot Surveillance Record (DSR)]. | 5. TM 38-750. |
| 6. DA Form 3023 (Gage Record). | 6. TM 743-200-1. |
| 7. DA Form 3151-R (Ammunition Stores Slip) or DA Form 4508 (Ammunition Transfer Record). | 7. SB 742-1. |
| 8. SF Form 361 (Discrepancy in Shipment Report). | 8. MIL-STD. |
| 9. Ammunition surveillance inspection report (ASIR). | 9. Ammunition drawings. |
| | 10. SOP. |

The lot will have to have an initial receipt inspection for visible damage when it comes from the vendor.

EQUIPMENT

- 1. Explosive handler's coveralls.
- 2. Steel-toe safety shoes.
- 3. Face shields or safety goggles.
- 4. Leather or leather-palm gloves.
- 5. Pliers.
- 6. Hammer.
- 7. Knife.
- 8. Proper torque wrench for item being inspected.
- 9. Eyebolt lifting plug or closing plug adapter (locally made).
- 10. Proper gages.
- 11. Proper micrometers.
- 12. Inner and outer packing materiel for item being inspected.

TASK 093-55X-3306 (Continued)

- 13. Pressure-sensitive adhesive tape (Spec-PP-T-60D).
- 14. Surveillance workshop equipment.
- 15. Proper fire symbols and/or chemical hazard markings.
- 16. Fire fighting equipment.
- 17. Clipboard.
- 18. Ballpoint pen.

STANDARDS

Do PM's right IAW DOD Reg 5154.4S, AR 700-22, AR 725-50, FM 9-38, TM 743-200-1, SB 742-1, ammunition drawings, and SOP. Other references may be used IAW para 2-2b, SB 742-1. When you use drawings and specifications in making your inspection, be sure they are the same as listed on the Ammunition Data Card. Follow all safety rules.

PERFORMANCE MEASURES

1. Select samples (para 2-2, 2-21, and/or 2-22, SB 742-1).
2. Inspect outer pack to include DOT nomenclature and other markings.
3. Write down results of outer pack inspection on (ASIR).
4. Send samples to surveillance workshop.
5. Post fire symbols/chemical hazard markers as necessary (chap 11, DOD Reg. 5154.4S).
6. Open and take contents from containers if required.
7. Inspect inner pack (ammunition drawings) if necessary.
8. Write down inspection results and classify defects on the ASIR (para 2-4, SB 742-1, and SOP).
9. Inspect items as necessary (ammunition drawings).
10. Write down your inspection results and classify the defects (para 2-4, SB 742-1, and SOP).
11. Repackage items if necessary (applicable ammunition drawing).
12. Identify boxes as surveillance samples if necessary (para 2-2c, SB 742-1).
13. Complete ASIR (chap 4, AR 700-22; app AB, AR 725-50, and SOP).
14. Make out an ammunition condition code (ACC) status change using DA Form 3151-R or DA Form 4508 if necessary (para 3-16, FM 9-38, para 5.2.4.5.4, TM 743-200-1). Fill out an ACC status change when the condition code of the lot number after inspection is different from before.
15. Prepare enough materiel tags or labels for lot number to put on each stack if necessary (para 5.4.1.6.2 or para 5.4.16.3, MIL-STD 129F).
16. Make out an ammunition condition report (ACR) for lot number if necessary (para 5-8, TM 38-750).
17. Get document numbers for ACC status change, materiel tag or label, and ACR if necessary.

TASK 093-55X-3306 (Continued)

18. Post document numbers to the right document. All document numbers will be posted to ASIR.
19. Make sure reports and forms are complete and accurate.
20. Send reports to administrative branch.

REFERENCES

DOD Reg 5154.4S; AR 385 series, AR 700-22, AR 725-50; FM 9-38; TM 38-750, TM 43-0001-28, TM 743-200-1, SB 742-1; MIL-STD's, ammunition drawings and SOP.

TASK 093-55X-3307

PERFORM RECEIPT INSPECTION OF ARTILLERY AMMUNITION

CONDITIONS

You are an ammunition inspector at the surveillance section, and you must make a receipt inspection of a lot of artillery ammunition. A receipt inspection is required:

(1) When materiel comes from another storage activity and the DA Form 3022-R [Army Depot Surveillance Record (DSR)] shows an inspection was made on the lot of ammunition within the proper time interval. Your inspection will be on a sampling basis for damage in transit only. If there was damage, sample the lot and examine for damage in transit, deterioration defects and nonstandard conditions.

(2) When materiel comes from another storage activity with no DSR card. Your inspection will be on a sampling basis for damage in transit, deterioration and nonstandard conditions. More samples may be needed to decide the serviceability of the lot.

(3) When you get field returns. Besides a 100% inspection of materiel in unsealed containers, inspect sealed containers on a sampling basis for damage in transit, deterioration and nonstandard conditions.

Do this task in the surveillance workshop or other inspection area. You will have:

FORMS

1. DD Form 1577 (Unserviceable Condemned Tag-Materiel) or DD Form 1577-1 (Unserviceable Condemned Label-Materiel).
2. DD Form 1577-2 (Unserviceable Reparable Tag-Materiel) or DD Form 1577-3 (Unserviceable Reparable Label-Materiel).
3. DA Form 2415 [Ammunition Condition Report (ACR)].
4. DA Form 3022-R [Army Depot Surveillance Record (DSR)].
5. DA Form 3023 (Gage Record).
6. DA Form 3151-R (Ammunition Stores Slip) or DA Form 4508 (Ammunition Transfer Record).
7. Ammunition surveillance inspection report (ASIR).

PUBLICATIONS

1. DOD Reg 5154.4S.
2. AR 700-22.
3. AR 725-50.
4. FM 9-38.
5. TM 38-750.
6. TM 743-200-1.
7. SB 742-1.
8. MIL-STD's.
9. Ammunition drawings.
10. SOP.

TASK 093-55X-3307 (Continued)

EQUIPMENT

1. Explosive handler's coveralls.
2. Steel-toe safety shoes.
3. Face shields or safety goggles.
4. Leather or leather-palm gloves.
5. Pliers.
6. Hammer.
7. Knife.
8. Proper torque wrench for item.
9. Eyebolt lifting plug or closing plug adapter (locally made).
10. Proper gages.
11. Proper micrometers.
12. Inner and outer packing material for item being inspected.
13. Pressure-sensitive adhesive tape (Spec-PP-T-60D).
14. Surveillance workshop equipment.
15. Proper fire symbols and/or chemical hazard marking.
16. Fire fighting equipment.
17. Clipboard.
18. Ballpoint pen.

STANDARDS

Do PM's correctly IAW DOD Reg 5154.4S, AR 700-22, AR 725-50, FM 9-38, TM 38-750, TM 743-200-1, SB 742-1, MIL-STD's, appropriate ammunition drawings and SOP. Other references may be used IAW para 2-2b, SB 742-1. When you use drawings and specifications in making your inspection, be sure they are the same as listed on the Ammunition Data Card. Follow all safety rules.

PERFORMANCE MEASURES

1. Select samples from storage (para 2-2 and 2-22, SB 742-1).
2. Post description of lot number on ASIR.
3. Send samples to surveillance workshop or other inspection area.
4. Post proper fire symbols and/or chemical hazard markers (chap 11, DOD Reg 5154.4S).
5. Inspect outer pack including DOT nomenclature and other markings (para 2-4 c(4), SB 742-1).
6. Write down results of outer pack inspection on ASIR (SOP).
7. Open and take items from container.
8. Inspect inner packs (ammunition drawings).
9. Write down inspection results and classify defects on the ASIR (para 2-4, SB 742-1, and SOP).

NOTE: Make sure the primer is protected at all times.

10. Be sure the safety device is there and/or fuze is set on safe.
11. Inspect fuze if there is one (ammunition drawings and SOP).

TASK 093-55X-3307 (Continued)

12. Do a disassembly torque test on eyebolt lifting or closing plugs (ammunition drawings and MIL-STD).
13. Remove and inspect eyebolt lifting or closing plugs and rubber gasket, if there (ammunition drawings and SOP).
14. Take out and inspect supplementary charge, if there (ammunition drawings SOP).
15. Inspect fuze well to include threads (ammunition drawings and SOP).
16. Gage depth of fuze well (ammunition drawings).
17. Inspect projectiles (ammunition drawings).
18. Inspect cartridge case (ammunition drawings).
19. Inspect primer (ammunition drawings).
20. Take out and inspect propellant of semi-fixed ammunition (ammunition drawings and SOP).
21. Put back propellant (ammunition drawings and SOP).
22. Repackage item (ammunition drawings and/or para 2-2c, SB 742-1).
23. Write down inspection results and classify defects found on the ASIR (para 2-4, SB 742-1 and SOP).
24. Complete ASIR (chap 4, AR 700-22; app AB, AR 725-50 and SOP).
25. Make out ammunition condition code (ACC) status change when ammunition is recommended for a different ACC (para 3-16, FM 9-38, or para 5.2.4.5.4, TM 743-200-1).
26. Make out DA Form 2415 (ACR) when ammunition is put in an unserviceable ACC (para 5-8, TM 743-200-1).
27. Fill out proper materiel tags or labels as necessary (para 5.4.16.2 or para 5.4.16.3, MIL-STD 129F).
28. Get document numbers for ACR, ACC status change, and materiel tag or label.
29. Post document numbers to correct forms.
30. Make sure documents are complete and accurate.
31. Send finished documents to administrative branch.

REFERENCES

DOD Reg 5154.4S; AR 385 series, AR 700-22, AR 725-50; FM 9-38; TM 38-750, TM 43-0001-28, TM 743-200-1; SB 742-1; MIL-STD's; ammunition drawings and SOP.

TASK 093-55X-3308

PERFORM PERIODIC INSPECTION OF ARTILLERY AMMUNITION

CONDITIONS

The inspection forecast shows a lot number of artillery ammunition is due a periodic inspection. Do this task at the surveillance workshop. You'll have:

FORMS

1. DD Form 1577 (Unserviceable Condemned Tag-Materiel), or DD Form 1577-1 (Unserviceable Condemned Label-Materiel).
2. DD Form 1577-2 (Unserviceable Reparable Tag-Materiel) or DD Form 1577-3 (Unserviceable Reparable Label-Materiel).
3. DA Form 2415 (Ammunition Condition Reports).
4. DA Form 3022-R [Depot Surveillance Record (DSR)].
5. DA Form 3023 (Gage Record).
6. DA Form 3151-R (Ammunition Stores Slip) or DA Form 4508 (Ammunition Transfer Record).
7. Ammunition surveillance inspection reports (ASIR).

PUBLICATIONS

1. DOD Reg 5154.4S.
2. AR 700-22.
3. AR 725-50.
4. FM 9-38.
5. TM 38-750.
6. TM 743-200-1.
7. SB 742-1.
8. MIL-STD's.
9. Ammunition drawings.
10. SOP.

EQUIPMENT

1. Explosive handler's coveralls.
2. Steel-toe safety shoes.
3. Face shields or safety goggles.
4. Leather or leather-palm gloves.
5. Pliers.
6. Hammer.
7. Knife.
8. Proper torque wrench for item being inspected.
9. Eyebolt lifting plug or closing plug adapter (locally made).
10. Proper gages.
11. Micrometers.
12. Inner and outer packing materiel for item being inspected.
13. Pressure-sensitive adhesive tape (SPEC-PP-T-60D).
14. Surveillance workshop equipment.
15. Proper fire symbols and/or chemical hazard markers.
16. Fire fighting equipment.
17. Clipboard.
18. Ballpoint pen.

TASK 093-55X-3308 (Continued)

STANDARDS

Do PM's correctly IAW DOD Reg 5154.4S, AR 700-22, AR 725-50, FM 9-38, TM 38-750, TM 743-200-1, SB 742-1, MIL-STD's, ammunition drawings and SOP. Other references may be used IAW (para 2-2b, SB 742-1 and SOP). When you use drawings and specifications in making your inspection, be sure they are the same as listed on the Ammunition Data Card. Follow all safety rules.

PERFORMANCE MEASURES

1. Select samples from storage (para 2-2 and 2-21 or 2-22, SB 742-1).
2. Put description of lot on ASIR.
3. Send samples to surveillance workshop or other inspection area.
4. Post the right fire symbols and/or chemical hazard markers (chap 11, DOD Reg 5154.4S).
5. Inspect outer pack; include DOT nomenclature and other markings (para 2-4c (4), SB 742-1).
6. Write down your inspection results and classify defects on the ASIR (para 2-4, SB 742-1, and SOP).
7. Open and take items from container.
8. Inspect inner packs (ammunition drawings and SOP).
9. Write down your inspection results and classify defects on the ASIR (para 2-4, SB 742-1, and SOP).

CAUTION: Make sure the primer is protected at all times.

10. Make sure the safety device is there and/or fuze is set on safe.
11. Inspect fuze if there is one (ammunition drawings and SOP).
12. Do a disassembly torque test on eyebolt lifting or closing plugs (ammunition drawings, MIL-STD's and SOP).
13. Remove and inspect eyebolt lifting or closing plugs and rubber gasket, if there (ammunition drawings and SOP).
14. Take out and inspect supplementary charge if there (ammunition drawings and SOP).
15. Inspect fuze well including threads (ammunition drawings and SOP).
16. Gage depth of fuze well (ammunition drawings and SOP).
17. Inspect projectiles (ammunition drawings and SOP).
18. Inspect cartridge case (ammunition drawings and SOP).
19. Inspect primer (ammunition drawings).
20. Take out and inspect propellant of semi-fixed ammunition (ammunition drawings and SOP).
21. Put back propellant (ammunition drawings and SOP).
22. Repackage item (appropriate ammunition drawings and/or para 2-2c, SB 742-1).
23. Write down inspection results and classify defects (para 2-4, SB 742-1, and SOP).

TASK 093-55X-3308 (Continued)

24. Complete ASIR (chap 4, AR 700-22; app AB, AR 725-50, and SOP).
25. Make out ammunition condition code (ACC) status change when ammunition is recommended for a different ACC (para 3-16, FM 9-38, or para 5.2.4.5.4, TM 743-200-1).
26. Make out DA Form 2415 (ACR) when ammunition is recommended for an unserviceable ACC.
27. Fill out enough materiel tags or labels to put on each stack (para 5.4.16.2 or 5.4.16.3, MIL-STD 129F).
28. Get document numbers for ACR, ACC status change, and materiel tags or labels.
29. Post document numbers to correct forms.
30. Make sure all documents are complete and accurate.
31. Send documents and DSR card to administrative branch.

REFERENCES

DOD Reg 5154.4S; AR 385 series, AR 700-22, AR 725-50; FM 9-38; TM 38-750, TM 43-0001-28, TM 743-200-1; SB 742-1; MIL-STD's; ammunition drawings and SOP.

TASK 093-55X-3309

PERFORM PRE-ISSUE INSPECTION OF ARTILLERY AMMUNITION

CONDITIONS

You have been told to make a pre-issue inspection of a lot of artillery ammunition. Do this task at the surveillance workshop. You'll have:

FORMS

1. DD Form 1577 (Unserviceable Condemned Tag-Materiel) or DD Form 1577-1 (Unserviceable Condemned Label-Materiel).
2. DD Form 1577-2 (Unserviceable Reparable Tag-Materiel) or DD Form 1577-3 (Unserviceable Reparable Label-Materiel).
3. DA Form 2415 (Ammunition Condition Report).
4. DA Form 3022-R [Army Depot Surveillance Record (DSR)].
5. DA Form 3023 (Gage Record).
6. DA Form 3151-R (Ammunition Stores Slip) or DA Form 4508 (Ammunition Transfer Record).
7. Ammunition surveillance inspection report (ASIR).

PUBLICATIONS

1. DOD Reg 5154.4S.
2. AR 700-22.
3. AR 725-50.
4. FM 9-38.
5. TM 38-750.
6. TM 743-200-1.
7. SB 742-1.
8. MIL-STD's.
9. Ammunition drawings.
10. SOP.

EQUIPMENT

1. Explosive handler's coveralls.
2. Steel-toe safety shoes.
3. Face shields or safety goggles.
4. Leather or leather-palm gloves.
5. Pliers.
6. Hammer.
7. Knife.
8. Proper torque wrench for item being inspected.
9. Eye bolt lifting plug or closing plug adapter (locally made).
10. Proper gages.
11. Micrometers.
12. Inner and outer packing materiel for item being inspected.
13. Pressure sensitive adhesive tape (SPEC PP-T-60D).
14. Surveillance workshop equipment.
15. Proper fire symbols and/or chemical hazard markers.
16. Fire fighting equipment.
17. Clipboard.
18. Ballpoint pen.

TASK 093-55X-3309 (Continued)

STANDARDS

Do PM's correctly IAW DOD Reg 5154.4S, AR 700-22, AR 725-50, FM 9-38, TM 38-750, TM 743-200-1, SB 742-1, MIL-STD's, ammunition drawings and SOP. Other references may be used IAW para 2-2b, SB 742-1, and SOP. When you use drawings and specifications in making your inspection, be sure they are the same as listed on the Ammunition Data Card. Follow all safety rules.

PERFORMANCE MEASURES

1. Select samples from storage (para 2-2 and 2-21 or 2-22, SB 742-1).
2. Put description of lot on ASIR.
3. Send samples to surveillance workshop or other inspection area.
4. Post proper fire symbols and/or chemical hazard markers (chap 11, DOD Reg 5154.4S).
5. Inspect outer pack including DOT nomenclature and other markings (para 2-4c (4), SB 742-1).
6. Write down the inspection results and classify defects on the ASIR (para 2-4, SB 742-1, and SOP).
7. Open and take items from container.
8. Inspect inner pack (ammunition drawings and SOP).
9. Write down the inspection results and classify defects of inner pack inspection on the ASIR (para 2-4, SB 742-1, and SOP).

CAUTION: Be sure the primer is protected at all times.

10. Make sure the safety device is there and/or fuze is set on safe (SOP).
11. Inspect fuze if there is one (ammunition drawings and SOP).
12. Do a disassembly torque test on eyebolt lifting or closing plugs (ammunition drawings, MIL-STD and SOP).
13. Take out and inspect eyebolt lifting or closing plugs and rubber gasket if present (ammunition drawings).
14. Remove and inspect supplementary charge if present (ammunition drawings and SOP).
15. Inspect fuze well including threads (ammunition drawings and SOP).
16. Gage depth of fuze well (ammunition drawings and SOP).
17. Inspect projectiles (ammunition drawings and SOP).
18. Inspect cartridge case (ammunition drawings and SOP).
19. Inspect primer (ammunition drawings and SOP).
20. Take out and inspect propellant of semi-fixed ammunition (ammunition drawings and SOP).
21. Put back propellant (ammunition drawings and SOP).
22. Repackage item (ammunition drawings and/or para 2-2c, SB 742-1).
23. Write down your inspection results and classify all defects found on the ASIR (para 2-4, SB 742-1 and SOP).

TASK 093-55X-3309 (Continued)

24. Complete ASIR (chap 4, AR 700-22; app AB, AR 725-50, and SOP).
25. Make out ammunition condition code (ACC) status change when ammunition is recommended for a different ACC (para 3-16, FM 9-38 or para 5.2.4.5.4, TM 743-200-1).
26. Make out DA Form 2415,(ASR), when ammunition is recommended for an unserviceable ACC (para 5-8, TM 38-750).
27. Fill out proper materiel tags or labels to put on each stack (para 5.4.16.2 or para 5.4.16.3, MIL-STD 129F).
28. Get document numbers for ACR, ACC status change, and materiel tags and labels.
29. Post document numbers to the right forms.
30. Make sure all documents are complete and accurate.
31. Send document to administrative branch.

REFERENCES

DOD Reg 5154.4S; AR 385 series, AR 700-22, AR 725-50; FM 9-38; TM 38-750, TM 43-0001-28, TM 743-200-1; SB 742-1; MIL-STD's; ammunition drawings and SOP.

TASK 093-55X-3310

PERFORM SPECIAL INSPECTION OF ARTILLERY AMMUNITION

CONDITIONS

You have been told to make a special inspection on a lot of artillery ammunition. Do this special inspection at the direction of higher headquarters or to satisfy special or local requirements. Do this task at the surveillance workshop. You'll need help making the inspection. You'll have:

FORMS

1. DD Form 1577 (Unserviceable Condemned Tag-Materiel) or DD Form 1577-1 (Unserviceable Condemned Label-Materiel).
2. DD Form 1577-2 (Unserviceable Reparable Tag-Materiel) or DD Form 1577-3 (Unserviceable Reparable Label-Materiel).
3. DA Form 2415 (Ammunition Condition Report).
4. DA Form 3022-R [(Army Depot Surveillance Record (DSR)].
5. DA Form 3023 (Gage Record).
6. DA Form 3151-R (Ammunition Stores Slip), or DA Form 4508 (Ammunition Transfer Record).
7. Ammunition surveillance inspection report (ASIR).

PUBLICATIONS

1. DOD Reg 5154.4S.
2. AR 700-22.
3. AR 725-50.
4. FM 9-38.
5. TM 38-750.
6. TM 743-200-1.
7. SB 742-1.
8. MIL-STD's.
9. Ammunition drawings.
10. SOP.

EQUIPMENT

1. Explosive handler's coveralls.
2. Steel-toe safety shoes.
3. Face shield or safety goggles.
4. Leather or leather-palm gloves.
5. Wire pliers.
6. Hammer.
7. Knife.
8. Proper torque wrench for ammunition being inspected.
9. Eyebolt lifting plug adapter (locally made).
10. Proper gages.
11. Inner and outer packing material for item being inspected.
12. Surveillance workshop equipment.
13. Proper fire symbols or chemical hazard markers.
14. Fire fighting equipment.
15. Clipboard.
16. Ballpoint pen.

TASK 093-55X-3310 (Continued)

STANDARDS

Do PM's correctly IAW DOD Reg 5154.4S, AK 700-22, AR 725-50, TM 38-750 TM 743-200-1, SB 742-1, MIL-STD's, ammunition drawings and SOP. Other references may be used IAW para 2-2b, SB 742-1. When you use drawings and specifications in making your inspection, be sure they are the same as listed on the Ammunition Data Card. Follow all safety rules.

PERFORMANCE MEASURES

1. Select samples from storage (para 2-2 and 2-21 or 2-22, SB 742-1).
2. Enter description of lot number on ammunition surveillance inspection report (ASIR).
3. Send samples to surveillance workshop or other inspection area.
4. Post the right fire symbols or chemical hazard markers (chap 11, DOD Reg 5154.4S).
5. Inspect outer pack including DOT nomenclature and markings (para 2-4C (4), SB 742-1).
6. Write down your inspection results and classify all defects on the ASIR (para 2-4, SB 742-1, and SOP).
7. Open and take items from container.
8. Inspect inner packs (ammunition drawings).
9. Write down your inspection results and classify defects on the ASIR (para 2-4; SB 742-1, and SOP).

NOTE: Make sure the primer is protected at all times.

10. Be sure the safety device is there and/or fuze is set on safe (SOP).
11. Inspect fuze if there is one (ammunition drawings and SOP).
12. Do a disassembly torque test on eyebolt lifting and closing plugs ammunition drawings, MIL-STD's and SOP).
13. Take off and inspect eyebolt lifting or closing plugs and rubber gasket if there (ammunition drawings and SOP).
14. Take out and inspect supplementary charge if there (ammunition drawings and SOP).
15. Inspect fuze well including threads (ammunition drawings and SOP).
16. Gage depth of fuze well (ammunition drawings and SOP).
17. Inspect projectiles (ammunition drawings and SOP).
18. Inspect cartridge case (ammunition drawings and SOP).
19. Inspect primer (ammunition drawings and SOP).
20. Take out and inspect propellant of semi-fixed ammunition (ammunition drawings and SOP).
21. Put back propellant (ammunition drawings and SOP).
22. Repackage item (ammunition drawings and SOP).
23. Write down your inspection results and classify all defects on the ASIR (para 2-4, SB 742-1, and SOP).

TASK 093-55X-3310 (Continued)

24. Complete ASIR (chap 4, AR 700-22; app AB, AR 725-50 and SOP).
25. Make out an ammunition condition code (ACC) status change when lot is recommended for a different ACC (para 3-16, FM 9-38, or para 5.2.4.5.4, TM 743-200-1).
26. Make out DA Form 2415 (ACR) when ammunition is recommended for ACC E, F, G or H (para 5-8, TM 38-750).
27. Fill out proper materiel tags or labels (para 5.4.16.2 or para 5.4.16.3, MIL-STD 129F).
28. Get document numbers for ACR, ACC status change and materiel tags or labels.
29. Post document numbers to the right forms.
30. Make sure documents are complete and accurate.
31. Send documents to administrative branch.

REFERENCES

DOD Reg 5154.4S; AR 385 series, AR 700-22, AR 725-50; FM 9-38; TM 38-750, TM 43-0001-28, TM 743-200-1; MIL-STD's; ammunition drawings and SOP.

TASK 093-55X-3311

PERFORM INITIAL RECEIPT INSPECTION OF PROPELLING CHARGES

CONDITIONS

You are an ammunition inspector in a surveillance section, and you have been told to make an initial receipt inspection of a lot of propelling charges. Do this task in the surveillance workshop and the ammunition storage area in good weather. The lot will need an initial receipt inspection for visible damage when it comes from the vendor. You will have:

FORMS

PUBLICATIONS

- | | |
|--|-------------------------|
| 1. DD Form 250 (Materiel Inspection and Receiving Report). | 1. DOD Reg 5154.4S. |
| 2. DD Form 1577 (Unserviceable Condemned Tag-Materiel) or DD Form 1577-1 (Unserviceable Condemned Label-Materiel). | 2. AR 700-22. |
| 3. DA Form 2415 (Ammunition Condition Report). | 3. AR 725-50. |
| 4. DA Form 3022-R [Army Depot Surveillance Record (DSR)]. | 4. FM 9-38. |
| 5. DA Form 3151-R (Ammunition Stores Slip) or DA Form 4508 Ammunition Transfer Records). | 5. TM 38-750. |
| 6. SF Form 361 (Discrepancy in Shipment Report). | 6. TM 743-200-1. |
| 7. Ammunition surveillance inspection report (ASIR). | 7. SB 742-1. |
| | 8. SB 742-1300-94-2. |
| | 9. Ammunition Drawings. |
| | 10. SOP. |

EQUIPMENT

- | | |
|-------------------------------------|--------------------------------------|
| 1. Strapping and sealing equipment. | 11. Oil moisture separators. |
| 2. Face shield or safety goggles. | 12. Surveillance workshop equipment. |
| 3. Steel-toe safety shoes. | 13. Fire symbols. |
| 4. Explosive handler's coveralls. | 14. Fire fighting equipment. |
| 5. Leather or leather-palm gloves. | 15. Ballpoint pen. |
| 6. Hammer. | 16. Paper. |
| 7. Lead wire seals. | 17. Crowbar. |
| 8. Lead wire sealers. | 18. Clipboard. |
| 9. Air compressor. | 19. Torque wrench. |
| 10. Air test kit. | |

TASK 093-55X-3311 (Continued)

STANDARDS

Do PM's correctly IAW DOD Reg 5154.4S, AR 700-22, AR 725-50, FM 9-38, TM 38-750, TM 743-200-1, SB 742-1, SB 742-1300-94-2, ammunition drawings and SOP. Other references may be used IAW para 2-2b, SB 742-1. When you use drawings and specifications in making your inspection, be sure they are the same as listed on the Ammunition Data Card. Follow all safety rules.

PERFORMANCE MEASURES

1. Select samples (para 2-2, 2-21, and/or 2-22, SB 742-1).
2. Inspect outer pack to include DOT nomenclature and other markings.
3. Write down the inspection results of outer pack inspection at storage location on the ASIR (SOP).
4. Send samples to surveillance workshop if necessary.
5. Post fire symbols (chap 11, DOD Reg 5154.4S).
6. Inspect outer packs of samples (ammunition drawings and SOP).
7. Do an air test of propelling charge containers if necessary (para 5, SB 742-1300-94-2, and SOP).
8. Write down inspection results and classify defects of outer packs on the ASIR (para 2-4, SB 742-1, and SOP).
9. Open and take contents from container as necessary (SOP).
10. Inspect inner pack if necessary (ammunition drawings and SOP).
11. Write down the inspection results and classify defects on the ASIR (para 2-4, SB 742-1; SB 742-1300-94-2 and SOP).
12. Inspect items as necessary (SB 742-1300-94-2, ammunition drawings and SOP).
13. Write down inspection results and classify defects of items found on the ASIR (para 2-4, SB 742-1, and SOP).
14. Repack items as necessary (ammunition drawings and SOP).
15. Repeat air test of propelling charge containers if necessary (para 5, SB 742-1300-94-2, and SOP).
16. Identify boxes as surveillance samples as necessary (para 2-2c, SB 742-1, and SOP).
17. Complete ASIR (chap 4, AR 700-22; app AB, AR 725-50, and SOP).
18. Make out an ammunition condition code (ACC) status change using DA Form 3151-R or DA Form 4508 if necessary (para 3-16, FM 9-38, or para 5.2.4.5.4, TM 743-200-1). Make out an ACC status change when the condition code of the lot is recommended for ACC change.
19. Fill out enough materiel tags or labels for lot to put on each stack if necessary (para 5.4.16.2 or para 5.4.16.3, MIL-STD 129F).
20. Make out ammunition condition report (ACR) for lot if necessary (para 5-8, TM 38-750).
21. Get document numbers for ACC status change, ACR and materiel tags or labels if necessary.

TASK 093-55X-3311 (Continued)

22. Post document numbers to the right document. All document numbers will be posted to ASIR if necessary.
23. Make sure reports and forms are complete and accurate.
24. Send reports and DSR card to administrative branch.

REFERENCES

DOD Reg 5154.4S; AR 700-22, AR 725-50; FM 9-38; TM 38-750, TM 743-200-1; SB 742-1, SB 742-1300-94-2; ammunition drawings and SOP.

TASK 093-55X-3312
PERFORM RECEIPT INSPECTION OF PROPELLING CHARGES

CONDITIONS

You are an ammunition inspector in the surveillance section. You must make a receipt inspection of a lot of propelling charges. A receipt inspection is required:

(1) When materiel comes from another storage activity and the DA Form 3022-R [Army Depot Surveillance Record (DSR)] shows that an inspection was done on the lot of ammunition within the specified time. Your inspection will be on a sampling basis for damage in transit only. If there was damage, sample the lot and examine for damage in transit, deterioration defects and nonstandard conditions.

(2) When materiel comes from another storage activity with no DSR card. Your inspection will be on a sampling basis for damage in transit, deterioration and nonstandard conditions. Other samples may be needed to decide the serviceability of the lot.

(3) When you get field returns. Besides a 100% inspection of materiel in unsealed containers, inspect materiel in sealed containers on a sampling basis for damage in transit, deterioration and nonstandard conditions. Do this task in the surveillance workshop or other inspection area. You will have:

FORMS

1. DD Form 1577 (Unserviceable Condemned Tag-Materiel) or DD Form 1577-1 (Unserviceable Condemned Label-Materiel).
2. DA Form 2415 (Ammunition Condition Reports).
3. DA Form 3022-R [Army Depot Surveillance Record (DSR)].
4. DA Form 3151-R (Ammunition Stores Slip) or DA Form 4508 (Ammunition Transfer Records).
5. Ammunition surveillance inspection report (ASIR).

PUBLICATIONS

1. DOD Reg 5154.4S.
2. AR 700-22.
3. AR 725-50.
4. FM 9-38.
5. TM 38-750.
6. TM 743-200-1.
7. SB 742-1.
8. SB 742-1300-94-2.
9. Ammunition drawings.
10. SOP.

TASK 093-55X-3312 (Continued)

EQUIPMENT

1. Strapping and sealing equipment.
2. Face shield or safety goggles.
3. Steel-toe safety shoes.
4. Explosive handler's coveralls.
5. Leather or leather-palm gloves.
6. Hammer.
7. Crowbar.
8. Lead wire seals.
9. Lead wire sealers.
10. Air compressor.
11. Air test kit.
12. Oil moisture separators.
13. Surveillance workshop equipment.
14. Fire symbols.
15. Fire fighting equipment.
16. Ballpoint pen.
17. Paper.
18. Clipboard.
19. Torque wrench.
20. Propelling charges in containers.
21. Vehicle.

STANDARDS

Do PM's correctly IAW DOD Reg 5154.4S, AR 700-22, AR 725-50, FM 9-38, TM 38-750, TM 743-200-1, SB 742-1, SB 742-1300-94-2, ammunition drawings and SOP. Other references may be used IAW paragraph 2-2b, SB 742-1. When you use drawings and specifications in making your inspection, be sure they are the same as listed on the Ammunition Data Card. Follow all safety rules.

PERFORMANCE MEASURES

1. Select samples from storage (para 2-2, 2-21, and/or 2-22, SB 742-1).
2. Inspect additional outer packs at storage location if required (SOP).
3. Write down results of outer pack on ASIR (SOP).
4. Transfer samples to surveillance workshop if necessary.
5. Post fire symbols if necessary (chap 11, DOD Reg 5154.4S).
6. Inspect outer packs of samples including DOT nomenclature and other markings (ammunition drawings and SOP).
7. Do an air test of propelling charge containers if necessary (para 5, SB 742-1300-94-2).
8. Write down inspection results and classify defects on the ASIR (para 2-4, SB 742-1, and SOP).
9. Open and take out contents as necessary.
10. Inspect inner pack if necessary (ammunition drawings).
11. Put results of inner pack inspection on ASIR if necessary (SOP).
12. Inspect items if necessary (ammunition drawings and SB).
13. Repeat air test of propelling charge containers as necessary (para 5, SB 742-1300-94-2).
14. List and classify defects on ASIR as necessary (chap 4, AR 700-22, and SOP).
15. Repackage items if necessary (ammunition drawings).

TASK 093-55X-3312 (Continued)

16. Identify boxes as surveillance sampled as necessary (para 2-2c, SB 742-1).
17. Complete ASIR (chap 4, AR 700-22; app AB, AR 725-50, and SOP).
18. Make out an ammunition condition code (ACC) status change using DA Form 3151-R or DA Form 4508 (para 3-16, FM 9-38, or para 5.2.4.5.4, TM 743-200-1) if lot is recommended for a different ACC.
19. Fill out enough material tags or labels for lot to put on each stack if necessary.
20. Make out ammunition condition report (ACR) for lot if recommended for an unserviceable ACC (para 5-8, TM 38-750).
21. Get document numbers for ACC status change, ACR and materiel tags or labels.
22. Post document numbers to the right document if necessary.
23. Make sure all reports and forms are complete and accurate.
24. Send reports and DSR card to administrative branch.

REFERENCES

DOD Reg 5154.4S; AR 700-22, AR 725-50; FM 9-38; TM 38-750, TM 743-200-1; SB 742-1, SB 742-1300-94-2; ammunition drawings and SOP.

TASK 093-55X-3313

PERFORM PERIODIC INSPECTION OF PROPELLING CHARGES

CONDITIONS

You are an ammunition inspector and the ammunition inspection forecast shows a periodic inspection is due on a lot number of propelling charges. Make the inspection at the surveillance workshop or other inspection area. You will have:

FORMS

1. DD Form 1577 (Unserviceable Condemned Tag-Materiel) or DD Form 1577-1 (Unserviceable Condemned Label-Materiel).
2. DD Form 1577-2 (Unserviceable Reparable Tag Materiel) or DD Form 1577-3 (Unserviceable Reparable Label-Materiel).
3. DA Form 2415 (Ammunition Condition Report).
4. DA Form 3022-R [Army Depot Surveillance Record (DSR)].
5. DA Form 3151-R (Ammunition Stores Slip) or DA Form 4508 (Ammunition Transfer Record).
6. Ammunition surveillance inspection report (ASIR).

PUBLICATIONS

1. DOD Reg 5154.4S.
2. AR 700-22.
3. AR 725-50.
4. FM 9-38.
5. TM 38-750.
6. SB 742-1.
7. SB 742-1300-94-2.
8. Related technical publications.
9. SOP.

EQUIPMENT

1. Strapping and sealing kit.
2. Face shield or safety goggles.
3. Steel-toe safety shoes.
4. Explosive handler's coveralls.
5. Leather or leather-palm gloves.
6. Hammer.
7. Crowbar.
8. Lead wire seals.
9. Lead wire sealer.
10. Air compressor.
11. Air test kit.
12. Oil moisture separators.
13. Surveillance workshop equipment.
14. Fire symbols.
15. Fire fighting equipment.
16. Ballpoint pen.
17. Paper.
18. Clipboard.
19. Torque wrench.
20. Propelling charges in containers.
21. Vehicle.

TASK 093-55X-3313 (Continued)

STANDARDS

Do PM's correctly IAW DOD Reg 5154.4S, AR 700-22, AR 725-50, FM 9-38, TM 38-750, TM 743-200-1, SB 742-1, SB 742-1300-94-2, MIL-STD 129F, ammunition drawings and SOP. Other references may be used IAW paragraph 2-2b, SB 742-1. When you use drawings and specifications in making your inspection, be sure they are the same as listed on the Ammunition Data Card. Follow all safety rules.

PERFORMANCE MEASURES

1. Select samples from storage (para 2-2, 2-21 and/or 2-22, SB 742-1).
2. Inspect more outer packs as required at storage as needed.
3. Note results of inspection of outer pack on ASIR (SOP).
4. Take samples to surveillance workshop (SOP).
5. Post fire symbols (chap 11, DOD Reg. 5154.4S).
6. Inspect outer packs to include DOT nomenclature and other markings.
7. Write down inspection results and classify defects on the ASIR (para 2-4, SB 742-1, and SOP).
8. Do an air test of propelling charge containers (para 5, SB 742-1300-94-2).
9. Record air test results on ASIR (SOP).
10. Open and take contents from container (SOP).
11. Inspect inner pack (ammunition drawings and SOP).
12. Write down the inspection results and classify defects on the ASIR (para 2-4, SB 742-1, and SOP).
13. Inspect items (SB 742-1300-94, ammunition drawings and SOP).
14. Write down the inspection results and classify defects on the ASIR (para 2-4, SB 742-1, and SOP).
15. Repackage items (ammunition drawings and SOP).
16. Repeat air test of propelling charge containers (para 5, SB 742-1300-94-2, and SOP).
17. Write down test results on the ASIR (SOP).
18. Identify boxes as surveillance samples (para 2-2c, SB 742-1, and SOP).
19. Complete ASIR (chap 4, AR 700-22; app AB, AR 725-50, and SOP).
20. Make out an ammunition condition code (ACC) status change using DA Form 3151-R or DA Form 4508 (para 3-16, FM 9-38, or para 5.2.4.5.4, TM 743-200-1). Fill out an ACC status change when the condition code of the lot is recommended for ACC change.
21. Fill out enough materiel tags or labels for lot to put on each stack (para 5.4.16.2 or para 5.4.16.3, MIL-STD 129F).
22. Make out ammunition condition report (ACR) if lot is recommended for an unserviceable ACC (para 5-8, TM 38-750).

TASK 093-55X-3313 (Continued)

23. Get document numbers for ACC status change, ACR and materiel tags or labels.
24. Post document numbers to the right document. All document numbers will be posted to ASIR.
25. Make sure all reports and forms are complete and accurate.
26. Send reports and DSR card to administrative branch.

REFERENCES

DOD Reg 5154.4S; AR 700-22, AR 725-50; FM 9-38; TM 38-750, TM 743-200-1; SB 742-1, SB 742-1300-94-2, ammunition drawings, other related technical publications and SOP.

TASK 093-55X-3314
PERFORM PRE-ISSUE INSPECTION OF PROPELLING CHARGES

CONDITIONS

You are an ammunition inspector and have been told to make a pre-issue inspection of a lot of propelling charges. Make the inspection at the surveillance workshop or other inspection area. You'll have:

- | FORMS | PUBLICATIONS |
|--|---|
| 1. DD Form 1577 (Unserviceable Condemned Tag-Materiel) or DD Form 1577-1 (Unserviceable Condemned Label-Materiel). | 1. DOD Reg 5154.4S. |
| 2. DD Form 1577-2 (Unserviceable Reparable Tag-Materiel) or DD Form 1577-3 (Unserviceable Reparable Label-Materiel). | 2. AR 700-22. |
| 3. DA Form 2415 (Ammunition Condition Report). | 3. AR 725-50. |
| 4. DA Form 3022-R (Army Depot Surveillance Record (DSR)). | 4. FM 9-38. |
| 5. DA Form 3151-R (Ammunition Stores Slip) or DA Form 4508 (Ammunition Transfer Record). | 5. TM 38-750. |
| 6. Ammunition surveillance inspection (ASIR) report. | 6. TM 743-200-1. |
| | 7. SB 742-1. |
| | 8. SB 742-1300-94-2. |
| | 9. Ammunition drawings. |
| | 10. SOP. |
| | 11. Other related technical publications. |

EQUIPMENT

- | | |
|------------------------------------|---------------------------------------|
| 1. Strapping and sealing kit. | 13. Surveillance workshop equipment. |
| 2. Face shield or safety goggles. | 14. Fire symbols. |
| 3. Steel-toe safety shoes. | 15. Fire fighting equipment. |
| 4. Explosive handler's coveralls. | 16. Ballpoint pen. |
| 5. Leather or leather-palm gloves. | 17. Paper. |
| 6. Hammer. | 18. Torque wrench. |
| 7. Crowbar. | 19. Clipboard. |
| 8. Lead wire seals. | 20. Propelling charges in containers. |
| 9. Lead wire sealer. | 21. Vehicle. |
| 10. Air compressor. | |
| 11. Air test kit. | |
| 12. Oil moisture separator. | |

STANDARDS

Do PM's correctly IAW DOD Reg 5154.4S, AR 700-22, FM 9-38, TM 38-750, TM 743-200-1, SB 742-1, SB 742-1300-94-2, MIL-STD 129F, appropriate ammunition drawings and SOP. Other references may be used IAW para 2-2b, SB 742-1. When you use drawings and specifications in making your inspection

TASK 093-55X-3314 (Continued)

be sure they are the same as listed on the Ammunition Data Card. Follow all safety rules.

PERFORMANCE MEASURES

1. Select samples from storage (para 2-2, 2-21 and/or 2-22, SB 742-1).
2. Inspect more outer packs at storage location as required (para 2-22, SB 742-1 and SOP).
3. Note results of outer pack inspection on the ASIR (SOP).
4. Take samples to surveillance workshop (SOP).
5. Post fire symbols (chap 11, DOD Reg 5154.4S).
6. Do an air test of propelling charge containers (para 5 SB 742-1300-94-2 and SOP).
7. Inspect outer pack including DOT nomenclature and other markings (ammunition drawings and SOP).
8. Write down inspection results and classify all defects on the ASIR (para 2-4, SB 742-1, and SOP).
9. Open and take contents from container (SOP).
10. Inspect inner pack (ammunition drawings and SOP).
11. Write down inspection results and classify defects on the ASIR (para 2-4, SB 742-1, and SOP).
12. Inspect items (SB 742-1300-94-2, ammunition drawings and SOP).
13. Write down inspection results and classify defects on the ASIR (para 2-4, SB 742-1, and SOP).
14. Repackage items (ammunition drawings and SOP).
15. Repeat air test of propelling charge container (para 5, SB 742-1300-94-2, and SOP).
16. Record test results on the ASIR (SOP).
17. Identify boxes as surveillance samples (para 2-2c, SB 742-1, and SOP).
18. Evaluate inspection results and recommend the proper ammunition condition code (ACC) (app AB, AR 725-50).
19. Complete ASIR (chap 4, AR 700-22, and SOP).
20. Make out an ACC status change using DA Form 3151-R or DA Form 4508 (para 3-16, FM 9-38, or para 5.2.4.5.4, TM 743-200-1). Fill out an ACC status change when the condition code of the lot is recommended for ACC change.
21. Fill out enough of the right materiel tags or labels for lot to put on each stack (para 5.4.16.2 or para 5.4.16.3, MIL-STD 129F).
22. Make out ammunition condition report (ACR) for lot if recommended for an unserviceable ACC (para 5-8, TM 38-750).
23. Get document numbers for ACC status change, materiel tags or labels, and ACR.
24. Post document numbers to the right document. All document numbers will be posted to ASIR.
25. Make sure all reports and forms are complete and accurate.
26. Send reports and DSR cards to administrative branch.

TASK 093-55X-3314 (Continued)

REFERENCES

DOD Reg 5154.4S; AR 700-22, AR 725-50; FM 9-38; TM 38-750, TM 743-200-1; SB 742-1, SB 742-1300-94-2; SOP and other related technical publications.

TASK 093-55X-3315

PERFORM SPECIAL INSPECTION OF PROPELLING CHARGES

CONDITIONS

You are an ammunition inspector and have been told to make a special inspection of a lot of propelling charges. Make the inspection at the surveillance workshop or other inspection area. You'll have:

FORMS

1. DD Form 1577 (Unserviceable Condemned Tag-Materiel) or DD Form 1577-1 (Unserviceable Condemned Label-Materiel).
2. DD Form 1577-2 (Unserviceable Reparable Tag-Materiel) or DD Form 1577-3 (Unserviceable Reparable Label-Materiel).
3. DA Form 2415 (Ammunition Condition Report).
4. DA Form 3022-R [Army Depot Surveillance Record (DSR)].
5. DA Form 3151-R (Ammunition Stores Slip) or DA Form 4508 (Ammunition Transfer Record).
6. Ammunition surveillance inspection report (ASIR).

PUBLICATIONS

1. DOD Reg 5154.4S.
2. AR 700-22.
3. AR 725-50.
4. FM 9-38.
5. TM 38-750.
6. TM 743-200-1.
7. SB 742-1.
8. SB 742-1300-94-2.
9. Ammunition drawings.
10. SOP.
11. Other related technical publications.

EQUIPMENT

1. Strapping and sealing equipment.
2. Face shield or safety goggles.
3. Steel-toe safety shoes.
4. Explosive handler's coveralls.
5. Leather or leather-palm gloves.
6. Hammer.
7. Crowbar.
8. Lead wire seals.
9. Lead wire sealer.
10. Air compressor.
11. Air test kit.
12. Oil moisture separators.
13. Propelling charges in containers.
14. Cargo vehicle.
15. Surveillance workshop equipment.
16. Fire symbols.
17. Fire fighting equipment.
18. Ballpoint pen.
19. Paper.
20. Clipboard.
21. Torque wrench.

STANDARDS

Do PM's correctly IAW DOD Reg 5154.4S, AR 700-22, AR 725-50, FM 9-38, TM 38-750 TM 743-200-1, SB 742-1, SB 742-1300-94-2, MIL-STD 129F, appropriate ammunition drawings and SOP. Other references may be used IAW paragraph 2-2b,

TASK 093-55X-3315 (Continued)

SB 742-1. When you use drawings and specifications in making your inspection, be sure they are the same as listed on the Ammunition Data Card. Follow all safety rules.

PERFORMANCE MEASURES

1. Select samples from storage, (para 2-2, 2-21, and/or 2-22, SB 742-1).
2. Inspect more outer packs at storage location as required.
3. Write down the inspection results of the samples inspected at the storage location on the ASIR (SOP).
4. Take samples to surveillance workshop (SOP).
5. Post fire symbols (chap 11, DOD Reg 5154.4S).
6. Inspect outer pack including DOT nomenclature and other markings (ammunition drawings and SOP).
7. Record inspection results and classify defects on the ASIR (para 2-2, SB 742-1, and SOP).
8. Do an air test of propelling charge containers (para 5, SB 742-1300-94-2 and SOP).
9. Open and take contents from container (SOP).
10. Inspect inner pack (ammunition drawings and SOP).
11. Write down inspection results and classify defects on the ASIR (para 2-4, SB 742-1, and SOP).
12. Inspect items (SB 742-1300-94-2, ammunition drawings and SOP).
13. Record results of inspection and classify defects on the ASIR (para 2-4, SB 742-1, and SOP).
14. Repackage items (ammunition drawings and SOP).
15. Repeat air test of propelling charge containers (para 5, SB 742-1300-94-2, and SOP).
16. Write down test results on the ASIR (SOP).
17. Identify boxes as surveillance samples (para 2-2c, SB 742-1, and SOP).
18. Complete ASIR (chap 4, AR 700-22; app AB, AR 725-50, and SOP).
19. Make out an ammunition condition code (ACC) status change, using DA Form 3151-R or DA Form 4508 (para 3-16, FM 9-38, or para 5.4.5.4, TM 743-200-1).
20. Fill out enough proper materiel tags or labels for lot to put on each stack (para 5.4.16.2 or para 5.4.16.3, MIL-STD 129F).
21. Make out ammunition condition report (ACR) for lot if required (para 5-8, TM 38-750).
22. Get document numbers for ACC status change, materiel tags or labels, and ACR.
23. Post document numbers to the right document. Post all document numbers to ASIR.
24. Make sure all reports and forms are complete and accurate.
25. Send reports and DSR card to administrative branch.

TASK 093-55X-3315 (Continued)

REFERENCES

DOD Reg 5154.4S; AR 700-22, AR 725-50; FM 9-38; TM 38-750, TM 743-200-1; SB 742-1, SB 742-1300-94-2; SOP and other related technical publications.

**TASK 093-55X-3316
PERFORM AIR TEST OF PROPELLING CHARGE CONTAINERS**

CONDITIONS

You are an ammunition inspector in a surveillance section. You have been told to air test a lot of separate loading propelling charges. You'll do this task in the munitions storage area or surveillance workshop in good weather. You'll have:

FORMS

1. DD Form 1577-2 (Unserviceable Reparable Tag-Materiel) or DD Form 1577-3 (Unserviceable Reparable Label-Materiel).
2. A locally made monitoring record.
3. Local tags or labels.

PUBLICATIONS

1. DOD Reg 5154.4S.
2. SB 742-1.
3. SB 742-1300-94-2.
4. MIL-STD 129F.
5. Ordnance Drawing F7548187.
6. APE manual.
7. SOP.

You'll do the task under two conditions:

1. Before container lids are taken off and after lids are put back on during a receipt inspection, periodic inspection, or pre-issue inspection.
2. As directed by higher headquarters.

EQUIPMENT

1. Air compressor.
2. Air test kit.
3. 2 1/2-ton or 5-ton tactical vehicle.
4. Non-sparking tools.
5. Torque wrench with adapter.
7. Lead wire seals.
8. Lead wire sealer.
9. Extra container lids and gaskets.
10. Propelling charges in containers.

STANDARDS.

Do PM's correctly IAW SB 742-1, SB 742-1300-94-2, Ordnance (ORD) Drawing F7548187, and SOP. Follow all safety rules.

PERFORMANCE MEASURES

1. Decide number of samples to be tested (para 2-22, SB 742-1 and SOP).
2. Get air test equipment ready for use (para 5, SB 742-1300-94-2, APE manual for air test equipment and SOP).

TASK 093-55X-3316 (Continued)

3. Take out plug and air test containers (ORD Drawing F7548187 and SOP).
4. Put soft graphite grease on threads of test hole and plug, and put back plug (ORD Drawing F7548187 and SOP).
5. Torque plug, (ORD Drawing F7548187).
6. Write down results of each test on a locally made worksheet or ammunition surveillance inspection report.
7. Put a tag or label on each container with the date of inspection or test.
8. Put back lids and/or gaskets as required, or fill out DD Form 1577-2 or 1577-3 for placement on each stack of the lot, if enough samples failed the air test and requires a 100% inspection and test (para 2-22, SB 742-1 and SOP).
9. Send monitoring worksheet to administrative branch as necessary.

REFERENCES

SB 742-1, SB 742-1300-94-2; MIL-STD 129F; ORD Drawing F7548187; APE manual and SOP.

TASK 093-55X-3317
PERFORM INITIAL RECEIPT INSPECTION OF GRENADES

CONDITIONS

You are an ammunition inspector in a surveillance section, and you have been told to make an initial receipt inspection of a lot number of grenades. The lot will need an initial receipt inspection for visible damage when it comes from the vendor. Do this task in the surveillance workshop or the ammunition storage area in good weather. You'll have:

FORMS

1. DD Form 250 (Materiel Inspection and Receiving Report).
2. DD Form 1577 (Unserviceable Condemned Tag-Materiel) or DD Form 1577-1 (Unserviceable Condemned Label-Materiel).
3. DA Form 2415 (Ammunition Condition Report).
4. DA Form 3022-R [Army Depot Surveillance Record (DSR)].
5. DA Form 3151-R (Ammunition Stores Slip) or DA Form 4508 (Ammunition Transfer Record).
6. SF Form 361 (Discrepancy in Shipment Report).
7. Ammunition surveillance inspection report (ASIR).

PUBLICATIONS

1. DOD Reg 5154.4S.
2. AR 700-22.
3. AR 725-50.
4. FM 9-38.
5. TM 38-750.
6. TM 743-200-1.
7. SB 742-1.
8. Other appropriate SB.
9. MIL-STD 129F.
10. Ammunition drawings.
11. SOP.
12. Other related technical publications for inspecting grenades.

EQUIPMENT

1. Strapping and sealing equipment.
2. Face shield or safety goggles.
3. Steel-toe safety shoes.
4. Explosive handler's coveralls.
5. Leather or leather-palm gloves.
6. Hammer.
7. Crowbar.
8. Lead wire seal.
9. Lead wire sealer.
10. Pressure-sensitive adhesive tape.
11. Surveillance workshop equipment.
12. Fire symbols and/or chemical hazard markers.
13. Fire fighting equipment.
14. Ballpoint pen.
15. Paper.
16. Clipboard.
17. Vehicle.
18. Samples of a lot of grenades.

STANDARDS

Do PM's correctly IAW DOD Reg 5154.4S, AR 700-22 AR 725-50, FM 9-38, TM 38-750, TM 743-200-1, SB 742-1, SB for item being inspected, MIL-STD 129F,

TASK 093-55X-3317 (Continued)

ammunition drawings and SOP. Other references may be used IAW paragraph 2-2b, SB 742-1. When you use drawings and specifications in making your inspection, be sure they are the same as listed on the Ammunition Data Card. Follow all safety rules.

PERFORMANCE MEASURES

1. Select samples (para 2-2, 2-21 and/or 2-22, SB 742-1, and SOP).
2. Inspect more outer packs at storage location as required (SOP).
3. Record results of inspection of outer pack on ASIR (SOP).
4. Send samples to surveillance workshop as necessary (SOP).
5. Post fire symbols/chemical hazard markers as necessary (chap 11, DOD Reg 5154.4S).
6. Inspect outer pack including DOT nomenclature and other markings (ammunition drawing and SOP).
7. Record inspection results and classify defects of outer packs on the ASIR (para 2-4, SB 742-1, SB for item, and SOP).
8. Open and take contents from container if necessary (SOP).
9. Inspect inner pack as necessary (ammunition drawings and SOP).
10. Write down the inspection results and classify all defects found during inspection on the ASIR (para 2-4, SB 742-1, SB for item and SOP).
11. Inspect items as necessary (SB for item, ammunition drawing and SOP).

CAUTION: Check to be sure safety pins are in place.

12. Record inspection results and classify defects found on the ASIR (para 2-4, SB 742-1, SB for item and SOP).
13. Repackage items if necessary (ammunition drawing and SOP).
14. Identify boxes as surveillance samples as necessary (para 2-2c, SB 742-1, and SOP).
15. Complete ASIR (chap 4, AR 700-22; app AB, AR 725-50, and SOP).
16. Fill out an ammunition condition code (ACC) status change using DA Form 3151-R or DA Form 4508 as necessary (para 3-16, FM 9-38, or para 5.2.4.5.4, TM 743-200-1). Fill out an ACC status change when the condition code of the lot is recommended for ACC change.
17. Make out enough materiel tags or labels for lot to put on each stack as necessary (para 3-16, FM 9-38, or para 5.2.4.5.4, TM 743-200-1).
18. Make out ammunition condition report (ACR) for lot if necessary (para 5-8, TM 38-750).
19. Get document numbers for ACC status change, materiel tags or labels and ACR.
20. Post document numbers to the right document. Post all document numbers to ASIR if necessary.
21. Make sure all reports and forms are complete and accurate.
22. Send reports and DSR card to administrative branch.

TASK 093-55X-3317 (Continued)

REFERENCES

DOD Reg 5154.4S, AR 700-22, AR 725-50; FM 9-38; TM 38-750, TM 743-200-1; SB 3-30-156, SB 3-1330-1, SB 3-1330-2, SB 3-1330-11, SB 742-1, SB 742-1330-38, SB 742-1330-94-3, SB 742-1330-94-7, SB 742-1330-94-8, SB 742-1330-94-12, SB 742-1330-94-435, SB 742-1330-94-436; MIL-STD 129F; ammunition drawings and SOP.

TASK 093-55X-3318

PERFORM RECEIPT INSPECTION OF GRENADES

CONDITIONS

You are an ammunition inspector assigned to the surveillance section and must make a receipt inspection of a lot number of grenades. A receipt inspection is needed:

(1) When materiel comes from another storage activity and the DA Form 3022-R [Army Depot Surveillance Record (DSR)] shows that an inspection was made on the lot of ammunition within the proper time interval. Your inspection will be on a sampling basis for damage in transit only. If there was damage, the lot will be sampled and examined for deterioration defects and nonstandard conditions.

(2) When materiel comes from another storage activity with no DSR card. Your inspection will be on a sampling basis for damage in transit, deterioration and nonstandard conditions. More samples may be needed for you to find out the serviceability of the lot.

(3) When you get field returns. Inspect all materiel in unsealed containers. Inspect materiel in sealed containers by sampling for damage in transit, deterioration and nonstandard conditions. Do this task in the surveillance workshop or other inspection area. You will have:

FORMS

PUBLICATIONS

- | | |
|--|--|
| 1. DD Form 1577 (Unserviceable Condemned Tag-Materiel) or DD Form 1577-1 (Unserviceable Condemned Label-Materiel). | 1. DOD Reg 5154.4S. |
| 2. DA Form 2415 (Ammunition Condition Report). | 2. AR 700-22. |
| 3. DA Forms 3022-R [Army Depot Surveillance Record (DSR)]. | 3. AR 725-50. |
| 4. DA Form 3151-R (Ammunition Transfer Slip) or DA Form 4508 (Ammunition Transfer Record). | 4. FM 9-38. |
| 5. Ammunition surveillance inspection report (ASIR). | 5. TM 38-750. |
| | 6. TM 743-200-1. |
| | 7. SB 742-1. |
| | 8. Appropriate SB. |
| | 9. MIL-STD 129F. |
| | 10. Ammunition drawings. |
| | 11. SOP. |
| | 12. Related technical publications for grenades. |

TASK 093-55X-3318 (Continued)

EQUIPMENT

1. Strapping and sealing equipment.
2. Face shield or safety goggles.
3. Steel-toe safety shoes.
4. Explosive handler's coveralls.
5. Leather or leather-palm gloves.
6. Hammer.
7. Crowbar.
8. Lead wire seals.
9. Lead wire sealer.
10. Pressure-sensitive adhesive tape.
11. Surveillance workshop equipment.
12. Fire symbols and/or chemical hazard markers.
13. Fire fighting equipment.
14. Ballpoint pen.
15. Paper.
16. Clipboard.
17. Cargo vehicle.
18. Samples of a lot of grenades.

STANDARDS

Do PM's correctly IAW DOD Reg 5154.4S, AR 700-22, AR 725-50, FM 9-38, TM 38-750, TM 743-200-1, SB 742-1, SB for grenades being inspected, MIL-STD 129F, ammunition drawings and SOP. Other references may be used IAW paragraph 2-2b, SB 742-1. When you use drawings and specifications in making your inspection, be sure they are the same as listed on the Ammunition Data Card. Follow all safety rules.

PERFORMANCE MEASURES

1. Select samples from storage (para 2-2, 2-21 and/or 2-22, SB 742-1).
2. Inspect more outer packs at storage location as required (SOP).
3. Record results of inspection of outer pack on ASIR (SOP).
4. Send samples to surveillance workshop if necessary (SOP).
5. Post fire symbols/chemical hazard markers (chap 11, DOD Reg 5154.4S) if necessary.
6. Inspect outer pack including DOT nomenclature and other markings (SB for item, ammunition drawings and SOP).
7. Record inspection results and classify defects on the ASIR (para 2-4, SB 742-1).
8. Open and take contents from container as necessary.
9. Inspect inner pack (ammunition drawings) as necessary.
10. List and classify defects of inner pack inspection on ASIR if necessary.
11. Inspect items if necessary (proper SB and ammunition drawings).

CAUTION: Check to be sure safety pins are in place.

12. List and classify defects of item inspection on ASIR (SOP) if necessary.
13. Repackage items as necessary (ammunition drawing).

TASK 093-55X-3318 (Continued)

14. Identify boxes as surveillance samples (para 2-2c, SB 742-1).
15. Complete ASIR (chap 4, AR 700-22; app AB, AR 725-50, and SOP).
16. Make out an ammunition condition code (ACC) status change using DA Form 3151-R or DA Form 4508 (para 3-16, FM 9-38, or para 5.2.4.5.4, TM 743-200-1). Fill out an ACC status change when the condition code of the lot number is recommended for an ACC change.
17. Make out enough materiel tags or labels for lot to attach to each stack (para 5.4.16.2 or para 5.4.16.3, MIL-STD 129F) if necessary.
18. Make out ammunition condition report (ACR) for lot if lot is recommended for an unserviceable ACC (para 5-8, TM 38-750).
19. Get document numbers for ACC status change, materiel tags or labels, and ACR if necessary.
20. Post document numbers to the right document. Post all document numbers to ASIR as necessary.
21. Make sure reports and forms are complete and accurate.
22. Send reports and DSR card to administrative branch.

REFERENCES

DOD Reg 5154.4S, AR 700-22, AR 725-50; FM 9-38; TM 38-750, TM 743-200-1; SB 3-30-156, SB 3-1330-1, SB 3-1330-2, SB 3-1300-11, SB 742-1330-38, SB 742-1, SB 742-1330-94-3, SB 742-1330-94-7, SB 742-1339-94-8, SB 742-1330-94-12, SB 742-1330-94-435, SB 742-1330-94-436; MIL-STD 129F; ammunition drawings and SOP.

TASK 093-55X-3319
PERFORM PERIODIC INSPECTION OF GRENADES

CONDITIONS

As an ammunition inspector you must make a periodic inspection on a lot number of grenades. Do this task at the surveillance workshop or other inspection area. You will have:

FORMS

1. DD Form 1577 (Unserviceable Condemned Tag-Materiel) or DD Form 1577-1 (Unserviceable Condemned Label-Materiel).
2. DD Form 1577-2 (Unserviceable Reparable Tag-Materiel) or DD Form 1577-3 (Unserviceable Reparable Tag-Materiel).
3. DA Form 2415 (Ammunition Condition Report).
4. DA Form 3022-R [Army Depot Surveillance Record (DSR)].
5. DA Form 3151-R (Ammunition Stores Slip) or DA Form 4508 (Ammunition Transfer Record).
6. Ammunition surveillance inspection report (ASIR).
7. Ammunition inspection forecast.

PUBLICATIONS

1. DOD Reg.5154.4S.
2. AR 700-22.
3. AR 725-50.
4. FM 9-38.
5. TM 38-750.
6. TM 743-200-1.
7. SB 742-1.
8. Proper SB for item.
9. MIL-STD 129F.
10. Ammunition drawings.
11. SOP.
12. Other related technical publications.

EQUIPMENT

1. Strapping and sealing equipment.
2. Face shield or safety goggles.
3. Steel-toe safety shoes.
4. Explosive handler's coveralls.
5. Leather or leather-palm gloves.
6. Hammer.
7. Crowbar.
8. Lead wire seals.
9. Lead wire sealer.
10. Pressure-sensitive adhesive tape.
11. Surveillance workshop equipment.
12. Fire symbols and/or chemical hazard markers.
13. Fire-fighting equipment.
14. Ballpoint pen.
15. Paper.
16. Samples of a lot of grenades.
17. A cargo vehicle.
18. Clipboard.

TASK 093-55X-3319 (Continued)

STANDARDS

Do PM's correctly IAW DOD Reg 5154.4S, AR 700-22, AR 725-50, FM 9-38, TM 38-750, TM 743-200-1, SB 742-1, the right SB for item being inspected, MIL-STD ammunition drawings and SOP. Other references may be used IAW paragraph 2-2b, SB 742-1. When you use drawings and specifications in making your inspection, be sure they are the same as listed on the Ammunition Data Card. Follow all safety rules.

PERFORMANCE MEASURES

1. Select samples from storage (para 2-2, 2-21, and/or 2-22, SB 742-1).
2. Inspect more outer packs at storage location as required (SOP).
3. Write down results of outer pack inspection on the ASIR (SOP).
4. Send samples to surveillance workshop (SOP).
5. Post fire symbols/chemical hazard markers (chap 11, DOD Reg 5154.4S).
6. Inspect outer pack including DOT nomenclature and other markings (SB for item ammunition drawings and SOP).
7. Record inspection results and classify all defects noted on the ASIR (para 2-4, SB 742-1, and SOP).
8. Open and take contents from container (SOP).
9. Inspect inner pack (SB for item, ammunition drawings and SOP).
10. Write down the inspection results and classify each defect on the ASIR (para 2-4, SB 742-1; ammunition drawings and SOP).
11. Inspect items (ammunition drawings and SOP).
12. Record inspection results and classify each defect on the ASIR (para 2-4, SB 742-1; SB for item; ammunition drawings and SOP).
13. Repack items (ammunition drawings and SOP).
14. Identify boxes as surveillance samples (para 2-2c, SB 742-1, and SOP).
15. Evaluate the inspection results and recommend appropriate ACC (app AB, AR 725-50).
16. Complete ASIR (chap 4, AR 700-22, and SOP).
17. Make out an ammunition condition code (ACC) status change, using DA Form 3151-R or DA Form 4408 (para 3-1, FM 9-38, or para 5.2.4.5.4, TM 743-200-1). Fill out an ACC status change when the lot is recommended for an ACC change.
18. Make out enough materiel tags or labels to put on each stack (para 5.4.16.2 or para 5.4.16.3, MIL-STD 129F).
19. Fill out ammunition condition report (ACR) for lot if recommended for an unserviceable ACC (para 5-8, TM 38-750).
20. Get document numbers for ACC status change, materiel tags or labels and ACR.
21. Post document numbers to the right document, and post all document numbers to the ASIR.
22. Make sure all reports and forms are complete and accurate.
23. Send reports and DSR card to the administrative branch of the surveillance section.

TASK 093-55X-3319 (Continued)

REFERENCES

DOD Reg 5154.4S; AR 700-22, AR 725-50; FM 9-38; TM 38-750, TM 743-200-1; SB 330-156, SB 3-1330-1, SB 3-1330-2, SB 3-1330-11, SB 742-1, SB 742-1330-38, SB 742-1330-94-3, SB 742-1330-94-7, SB 742-1330-94-8, SB 742-1330-94-12, SB 742-1330-94-435; MIL-STD 129F; ammunition drawings; SOP and other related technical publications.

TASK 093-55X-3320

PERFORM PRE-ISSUE INSPECTION OF GRENADES

CONDITIONS

You are an ammunition inspector and have been told to make a pre-issue inspection of a lot of grenades. Make the inspection at the surveillance workshop or other inspection area. Make a pre-issue inspection when a lot to be issued has not been inspected within the proper time interval. You'll have:

FORMS

1. DD Form 1577 (Unserviceable Condemned Tag-Materiel) or DD Form 1577-1 (Unserviceable Condemned Label-Materiel).
2. DD Form 1577-2 (Unserviceable Reparable Tag-Materiel) or DD Form 1577-3 (Unserviceable Reparable Label-Materiel).
3. DA Form 2415 (Ammunition Condition Report).
4. DA Form 3022-R [Army Depot Surveillance Record (DSR)].
5. DA Form 3151-R (Ammunition Stores Slip) or DA Form 4508 (Ammunition Transfer Record).
6. Ammunition surveillance inspection report (ASIR).

PUBLICATIONS

1. DOD Reg 5154.4S.
2. AR 700-22.
3. AR 725-50.
4. FM 9-38.
5. TM 38-750.
6. TM 743-200-1.
7. SB 742-1.
8. SB for item being inspected.
9. MIL-STD 129F.
10. Ammunition drawings.
11. SOP.
12. Other related technical publications.

EQUIPMENT

1. Strapping and sealing equipment.
2. Face shield or safety goggles.
3. Steel-toe safety shoes.
4. Explosive handler's coveralls.
5. Leather or leather-palm gloves.
6. Hammer.
7. Crowbar.
8. Lead wire sealer.
9. Lead wire seals.

10. Pressure-sensitive adhesive tape.
11. Surveillance workshop equipment.
12. Cargo vehicle.
13. Sample size of a lot of grenades.
14. Fire symbols and/or chemical hazard markers.
15. Fire fighting equipment.
16. Ballpoint pen.
17. Paper.
18. Clipboard.

TASK 093-55X-3320 (Continued)

STANDARDS

Do performance measures right IAW DOD Reg 5154.4S, AR 700-22, AR 725-50, FM 9-38, TM 38-750, TM 743-200-1, SB 742-1, SB for item being inspected, MIL-STD 129F, ammunition drawings and SOP. Other references may be used IAW paragraph 2-2b, SB 742-1. When using drawings and specifications as standards for inspections, be sure the item is compared with the drawing and/or specification with the same revision under which the item was manufactured or modified. Follow all safety rules.

PERFORMANCE MEASURES

1. Select samples from storage (para 2-2, 2-21 and/or 2-22, SB 742-1 and SOP).
2. Inspect more outer packs at storage location as needed (SOP).
3. Record results of inspection of outer pack on ASIR (SOP).
4. Send samples to surveillance workshop (SOP).
5. Post fire symbols/chemical hazard markers (chap 11, DOD Reg 5154.4S).
6. Inspect outer pack including DOT nomenclature and other markings (SB for item).
7. Record inspection results and classify defects noted during outer pack inspection of the ASIR (para 2-4, SB 742-1, and SOP).
8. Open and take contents from container (ammunition drawing and SOP).
9. Inspect inner pack (ammunition drawings and SOP).
10. Record inspection results and classify defects noted during inner pack inspection on the ASIR (para 2-4, SB 742-1, and SOP).
11. Inspect items (ammunition drawings, related SB and SOP).

CAUTION: Check to be sure safety pins are in place.

12. Record inspection results and classify defects noted during item inspection on the ASIR (para 2-4, SB 742-1, and SOP).
13. Repackage items (ammunition drawings).
14. Identify boxes as surveillance samples (para 2-2c, SB 742-1).
15. Evaluate inspection results and recommend the right ammunition condition code ACC (app AB, AR 725-50).
16. Complete ASIR (chap 4, AR 700-22 and SOP).
17. Make out an ACC status change using DA Form 3151-R or DA Form 4508 (para 3-16, FM 9-38, or para 5.2.4.5.4, TM 743-200-1). Make out an ACC status change when the condition code of the lot is recommended for ACC change.
18. Make out enough materiel tags or labels for lot to put on each stack if required (para 5.4.16.2 or para 5.4.16.3, MIL-STD 129F).
19. Make out ammunition condition report (ACR) for lot if required (para 5-8, TM 38-750).
20. Get document numbers for ACC status change, materiel tags or labels, and ACR.

TASK 093-55X-3320 (Continued)

- 21.** Post document numbers to the right documents and post all document numbers to the ASIR.
- 22.** Be sure all reports and forms are complete and accurate.
- 23.** Send reports and DSR card to administrative branch.

REFERENCES

DOD Reg 5154.4S; AR 700-22, AR 725-50; FM 9-38; TM 38-750, TM 743-200-1;
SB 3-30-156, SB 3-1330-1, SB 3-1330-2, SB 3-1330-11, SB 742-1,
SB 742-1330-38, SB 742-1330-94-3, SB 742-1330-94-7,
SB 742-1330-94-8, SB 742-1330-94-12, SB 742-1330-94-435, SB 742-1330-94-436;
MIL-STD 129F; ammunition drawings; SOP and related technical publications.

TASK 093-55X-3321
PERFORM SPECIAL INSPECTION OF GRENADES

CONDITIONS

You are an ammunition inspector and must make a special inspection of a lot of grenades. Do the inspection at the surveillance workshop or other inspection area. You will have:

FORMS	PUBLICATIONS
1. DD Form 1577 (Unserviceable Condemned Tag-Materiel) or DD Form 1577-1 (Unserviceable Condemned Label-Materiel).	1. DOD Reg 5154.4S.
2. DD Form 1577-2 (Unserviceable Reparable Tag-Materiel) or DD Form 1577-3 (Unserviceable Reparable Label-Materiel).	2. AR 700-22.
3. DA Form 2415 (Ammunition Condition Report).	3. AR 725-50.
4. DA Form 3022-R [Army Depot Surveillance Record (DSR)].	4. FM 9-38.
5. DA Form 3151-R (Ammunition Stores Slip) or DA Form 4508 (Ammunition Transfer Record).	5. TM 38-750.
6. Ammunition surveillance inspection report (ASIR).	6. TM 743-200-1.
	7. SB 742-1.
	8. SB for item being inspected.
	9. MIL-STD 129F.
	10. Ammunition drawings.
	11. SOP.
	12. Related technical publications.

EQUIPMENT

1. Strapping and sealing equipment.	10. Pressure-sensitive adhesive tape.
2. Face shield or safety goggles.	11. Surveillance workshop equipment.
3. Steel-toe safety shoes.	12. Fire symbols and/or chemical hazard markers.
4. Explosive handler's coveralls.	13. Fire fighting equipment.
5. Leather or leather-palm gloves.	14. Ballpoint pen.
6. Hammer.	15. Paper.
7. Crowbar.	
8. Lead wire seals.	
9. Lead wire sealer.	

TASK 093-55X-3321 (Continued)

STANDARDS

Do PM's right IAW DOD Reg 5154.4S, AR 700-22, AR 725-50, FM 9-38, TM 38-750, TM 743-200-1, SB 742-1, SB for grenade being inspected, MIL-STD 129F, ammunition drawings and SOP. Other references may be used IAW para 2-2b, SB 742-1. When you use drawings and specifications in making your inspection, be sure they are the same as listed on the Ammunition Data Card. Follow all safety rules.

PERFORMANCE MEASURES

1. Select samples from storage (para 2-2, 2-21 and/or 2-22, SB 742-1).
2. Inspect more outer packs at storage location as required (SOP).
3. Record results of inspection of outer pack on ASIR (SOP).
4. Send samples to surveillance workshop (SOP).
5. Post fire symbols/chemical hazard markers (chap 11, DOD Reg 5154.4S).
6. Inspect outer pack including DOT nomenclature and other markings (ammunition drawings and SOP).
7. Record inspection results and classify defects noted during outer pack inspection on the ASIR (para 2-4, SB 742-1, and SOP).
8. Open and take contents from container (SOP).
9. Inspect inner pack (ammunition drawings and SOP).
10. Record inspection results and classify defects noted during inner pack inspection on the ASIR (para 2-4, SB 742-1, and SOP).
11. Inspect items (ammunition drawings, related SB and SOP).

CAUTION: Check to be sure safety pins are in place.

12. Record inspection results and classify defects noted during item inspection on the ASIR (para 2-4, SB 742-1, and SOP).
13. Repack items (ammunition drawings and SOP).
14. Identify boxes as surveillance samples (para 2-2c, SB 742-1, and SOP).
15. Evaluate inspection results and recommend the proper ammunition condition code (ACC) (app AB, AR 725-50, and SOP).
16. Complete ASIR (chap 4, AR 700-22, and SOP).
17. Make out an ACC status change using DA Form 3151-R or DA Form 4508 (para 3-16, FM 9-38, or para 5.2.4.5.4, TM 743-200-1). Make out ACC when the condition code of the lot is recommended for ACC change.
18. Make out enough materiel tags or labels for lot to put on each stack if required (para 5.4.16.2 or para 5.4.16.3, MIL-STD 129F).
19. Make out ammunition condition report (ACR) for lot number if required (para 5-8, TM 38-750).
20. Get document numbers for ACC status change, materiel tags or labels and ACR.
21. Post document numbers to the right document. All document numbers will be posted to ASIR.

TASK 093-55X-3321 (Continued)

22. Make sure reports and forms are complete and accurate.
23. Send reports and DSR card to administrative branch.

REFERENCES

DOD Reg 5154.4S; AR 700-22, AR 725-50; FM 9-38; TM 38-750, TM 743-200-1; SB 3-30-156, SB 3-1330-1, SB 3-1330-2, SB 3-1330-11, SB 742-1, SB 742-1330-38, SB 742-1330-94-3, SB 742-1330-94-7, SB 742-1330-94-8, SB 742-1330-94-12, SB 742-1330-94-435, SB 742-1330-94-436; MIL-STD 129F; SOP and related technical publications.

TASK 093-55X-3322

PERFORM INITIAL RECEIPT INSPECTION OF ROCKET AMMUNITION

CONDITIONS

You are an ammunition inspector in a surveillance section, and you have been told to make an initial receipt inspection of a lot of rocket ammunition. Do this task in the surveillance workshop or the ammunition storage area in good weather. The lot number will need an initial receipt inspection for visible damage when it comes from the vendor. You'll have:

FORMS

1. DD Form 250 (Materiel Inspection and Receiving Report).
2. DD Form 1577 (Unserviceable Condemned Tag-Materiel) or DD Form 1577-1 (Unserviceable Condemned Label-Materiel).
3. DA Form 2415 (Ammunition Condition Report).
4. DA Form 3022-R [Army Depot Surveillance Record (DSR)].
5. DA Form 3151-R (Ammunition Stores Slip) or DA Form 4508 (Ammunition Transfer Record).
6. SF Form 361 (Discrepancy in Shipment Report).
7. Ammunition surveillance inspection report (ASIR).

PUBLICATIONS

1. DOD Reg 5154.4S.
2. AR 700-22.
3. AR 725-50.
4. FM 9-38.
5. TM 38-750.
6. TM 743-200-1.
7. SB 742-1.
8. Other proper SB.
9. MIL-STD 129F.
10. Ammunition drawings.
11. SOP.
12. Related technical publications.

EQUIPMENT

1. Strapping and sealing equipment.
2. Face shield or safety goggles.
3. Steel-toe safety shoes.
4. Explosive handler's coveralls.
5. Leather or leather-palm gloves.
6. Hammer.
7. Crowbar.
8. Lead wire seals.
9. Lead wire sealer.
10. Pressure-sensitive adhesive tape.
11. Surveillance workshop equipment.
12. Micrometer.
13. Fire symbols and/or chemical hazard markers.
14. Fire fighting equipment.
15. Ballpoint pen.
16. Paper.

TASK 093-55X-3322 (Continued)

STANDARDS

Do performance measures (PM's) right IAW DOD Reg 5154.4S, AR 700-22, AR 725-50, FM 9-38, TM 38-750, TM 743-200-1, SB 742-1, SB for item being inspected, MIL-STD 129F, ammunition drawings, and SOP. Other references may be used IAW para 2-2b, SB 742-1. When you use drawings and specifications in making your inspection, be sure they are the same as listed on the Ammunition Data Card. Follow all safety rules.

PERFORMANCE MEASURES

1. Select samples (para 2-2, 2-21 and/or 2-22, SB 742-1).
2. Inspect more outer packs at storage locations as required (SOP).
3. Record results of inspection of outer pack on ASIR (SOP).
4. Take samples to surveillance workshop if necessary (SOP).
5. Post fire symbols/chemical hazard markers if necessary, (chap 11, DOD Reg 5154.4S).
6. Inspect outer pack including DOT nomenclature and other markings (ammunition drawings and SOP).
7. Record inspection results and classify defects noted during outer pack inspection on the ASIR (para 2-4, SB 742-1, and SOP).
8. Open and take contents from container as necessary (SOP).
9. Inspect inner pack as necessary (ammunition drawings and SOP).
10. Record inspection results and classify defects noted during inner pack inspection on the ASIR (para 2-5, SB 742-1, and SOP).
11. Inspect items as necessary (the right SB, ammunition drawings and SOP).

NOTE: Do PM's 12 thru 15 for 4-round clips and the M202 launcher only.

12. Check for leakers if necessary.
13. Make sure bail is snapped back to stow position (SOP).
14. Check that clip support assembly is there and tight (SOP).
15. Check to be sure that there is no more than 5/16-inch between warhead and inner tube (SOP).
16. Record inspection results and classify defects noted during item inspection on the ASIR (para 2-4, SB 742-1, and SOP).
17. Make a continuity/resistance test if necessary (SB 742-1340-94-301 and SOP).
18. Record test results on the ASIR (SB 742-1340-94-301 and SOP).
19. Repackage items (ammunition drawings and SOP).
20. Evaluate inspection results and recommend the right ammunition condition code (ACC) (app AB, AR 725-50, and SOP).
21. Identify boxes as surveillance samples if necessary (para 2-2c, SB 742-1, and SOP).

TASK 093-55X-3322 (Continued)

22. Complete ASIR (chap 4, AR 700-22, and SOP).
23. Make out an ACC status change, if necessary, using DA Form 3151-R or DA Form 4508 (para 3-16, FM 9-38; or para 5.2.4.5.4, TM 743-200-1). Make out an ACC status change when the condition code of the lot number is recommended for ACC change.
24. Make out enough materiel tags or labels for lot number to put on each stack (para 5.4.16.2 or para 5.4.16.3, MIL-STD 129F).
25. Make out an ammunition condition report (ACR) for lot if necessary (para 5-8, TM 38-750).
26. Get document numbers for ACC status change, materiel tags or labels, and ACR if necessary.
27. Post document numbers to the right document. All document numbers will be posted to ASIR.
28. Make sure all reports and forms are complete and accurate.
29. Send reports and DSR card to administrative branch.

REFERENCES

DOD Reg 5154.4S; AR 700-22, AR 725-50; FM 9-38; TM 38-750, TM 3-1055-218-12, TM 743-200-1; SB 3-1340-10, SB 742-1, SB 742-1340-94-200, SB 742-1340-94-301; MIL-STD 129F; ammunition drawings and SOP.

TASK 093-55X-3323
PERFORM RECEIPT INSPECTION OF ROCKET AMMUNITION

CONDITIONS

You are an ammunition inspector in the surveillance section and must make a receipt inspection of a lot of rocket ammunition. A receipt inspection is required:

- (1) When materiel comes from another storage activity and the DA Form 3022-R [Army Depot Surveillance Record (DSR)] shows that an inspection was made on the lot of ammunition within the proper time interval. Your inspection will be on a sampling basis for damage in transit, deterioration defects and nonstandard conditions.
- (2) When materiel comes from another storage activity with no DSR card. Your inspection will be on a sampling basis for damage in transit, deterioration and nonstandard conditions. You may need more samples to find out the serviceability of the lot.
- (3) When you get field returns. Besides a 100% inspection of materiel in unsealed containers, materiel in sealed containers will be inspected on a sampling basis for damage in transit, deterioration and nonstandard conditions. Do this task in the surveillance workshop or other suitable inspection area. You'll have:

FORMS

PUBLICATIONS

- | | |
|--|---|
| 1. DD Form 1577 (Unserviceable Condemned Tag-Materiel) or DD Form 1577-1 (Unserviceable Condemned Label-Materiel). | 1. DOD Reg 5154.4S. |
| 2. DA Form 2415 (Ammunition Condition Report). | 2. AR 700-22. |
| 3. DA Form 3022-R [Army Depot Surveillance Record (DSR)]. | 3. AR 725-50. |
| 4. DA Form 3151-R (Ammunition Stores Slip) or DA Form 4508 (Ammunition Transfer Record). | 4. FM 9-38. |
| 5. Ammunition surveillance inspection report (ASIR). | 5. TM 38-750. |
| | 6. TM 743-200-1. |
| | 7. SB 742-1. |
| | 8. Other proper SB. |
| | 9. MIL-STD 129F. |
| | 10. Ammunition drawings. |
| | 11. SOP. |
| | 12. Related technical publications for rocket ammunition. |

TASK 093-55X-3323 (Continued)

EQUIPMENT

1. Strapping and sealing equipment.
2. Face shield or safety goggles.
3. Steel-toe safety shoes.
4. Explosive handler's coveralls.
5. Leather or leather-palm gloves.
6. Hammer.
7. Crowbar.
8. Lead wire seals.
9. Lead wire sealer.
10. Pressure-sensitive adhesive tape.
11. Surveillance workshop equipment.
12. Micrometer.
13. Fire symbols and/or chemical hazard markers.
14. Fire fighting equipment.
15. Ballpoint pen.
16. Paper.

STANDARDS

Do performance measures (PM's) right IAW DOD Reg 5154.4S, AR 700-22, AR 725-50, FM 9-38, TM 38-750, TM 743-200-1, SB 742-1, SB for type of rocket being inspected, MIL-STD 129F, ammunition drawings and SOP. Other references may be used IAW para 2-2b, SB 742-1. When you use drawings and specifications in making your inspection, be sure they are the same as listed on the Ammunition Data Card. Follow all safety rules.

PERFORMANCE MEASURES

1. Select samples from storage (para 2-2, 2-21, and/or 2-22, SB 742-1).
2. Inspect other outer packs at storage location as required (SOP).
3. Record results of inspection of outer pack on ASIR (SOP).
4. Send samples to surveillance workshop as necessary (SOP).
5. Post fire symbols/chemical hazard markers (chap 11, DOD Reg 5154.4S) if necessary.
6. Inspect outer pack including DOT nomenclature and other markings (ammunition drawings and SOP).
7. Record inspection results and classify defects noted during outer pack inspection on the ASIR (para 2-4, SB 742-1, and SOP).
8. Open and take contents from container as necessary (SOP).
9. Inspect inner pack if necessary (ammunition drawings and SOP).
10. Record inspection results and classify defects noted during inner pack inspection on the ASIR (para 2-4, SB 742-1, and SOP).
11. Inspect items (ammunition drawings, SB, and SOP).

NOTE: Do PM's 12 thru 15 for 4-round clips and the M202 launcher.

12. Check for leakers as necessary.
13. Make sure bail is snapped back to stow position if necessary.

TASK 093-55X 3323 (Continued)

14. Make sure clip support assembly is there and tight if necessary (SOP).
15. Check to be sure that there is no more than 5/16-inch between warhead and inner tube if necessary (SOP).
16. Record inspection results and classify defects noted during item inspection on the ASIR (para 2-4, SB 742-1, and SOP).
17. Make a continuity/resistance test if necessary (SB 742-1340-94-301 and SOP).
18. Record test results on the ASIR (SB 742-1340-94-301 and SOP).
19. Repackage items (ammunition drawings and SOP) as necessary.
20. Evaluate inspection results and recommend the right (ACC) ammunition condition code (app AB, AR 725-50).
21. Identify boxes as surveillance samples if necessary (para 2-2c, SB 742-1).
22. Complete ASIR (chap 4, AR 700-22, and SOP).
23. Make out an ACC status change using DA Form 3151-R or DA Form 4508 (para 3-16, para 5.2.4.5.4, TM 743-200-1, FM 9-38). Make out an ACC status change when the condition code of the lot is recommended for ACC change.
24. Make out enough materiel tags or labels for lot to put on each stack if necessary (para 5.4.16.2 or para 5.4.16.3, MIL-STD 129F).
25. Make out ammunition condition report (ACR) for lot if required (para 5-8, TM 38-750) as necessary.
26. Get document numbers for ACC status change, materiel tags or labels, and ACR if necessary.
27. Post document numbers to the right document. All document numbers will be posted to ASIR.
28. Make sure reports and forms are complete and accurate.
29. Send reports and DSR card to administrative branch.

REFERENCES

DOD Reg 5154.4S; AR 700-22, AR 725-50; FM 9-38; TM 3-1055-218-12, TM 9-1300-206, TM 38-750, TM 743-200-1; SB 3-1340-10, SB 742-1, SB 742-1340-94-200, SB 742-1340-94-301: MIL-STD 129F; ammunition drawings; and SOP.

TASK 093-55X-3324

PERFORM PERIODIC INSPECTION OF ROCKET AMMUNITION

CONDITIONS

You are an ammunition inspector. The ammunition inspection forecast shows a periodic inspection is due for a lot of rocket ammunition. Make the inspection at the surveillance workshop or other inspection area. You'll have:

FORMS

1. DD Form 1577 (Unserviceable Condemned Tag-Materiel) or DD Form 1577-1 (Unserviceable Condemned Label-Materiel).
2. DD Form 1577-2 (Unserviceable Reparable Tag-Materiel) or DD Form 1577-3 (Unserviceable Reparable Label-Materiel (ASIR)).
3. DA Form 2415 (Ammunition Condition Report).
4. DA Form 3022-R (Army Depot Surveillance Report).
5. DA Form 3151-R (Ammunition Stores Slip) or DA Form 4508 (Ammunition Transfer Record).
6. Ammunition surveillance inspection report (ASIR).

PUBLICATIONS

1. DOD Reg 5154.4S.
2. AR 700-22.
3. FM 9-38.
4. TM 38-750.
5. TM 742-200-1.
6. SB 742-1.
7. Other appropriate SB.
8. MIL-STD 129F.
9. Ammunition drawings
10. SOP.
11. Related technical publications.

EQUIPMENT

1. Strapping and sealing equipment.
2. Face shield or safety goggles.
3. Steel-toe safety shoes.
4. Explosive handler's coveralls.
5. Leather or leather-palm gloves.
6. Hammer.
7. Crowbar.
8. Lead wire seals.
9. Lead wire sealer.

10. Pressure-sensitive adhesive tape.
11. Surveillance workshop equipment.
12. Micrometers.
13. Fire symbols and/or chemical hazard markers.
14. Fire fighting equipment.
15. Ballpoint pen.
16. Paper.

TASK 093-55X-3324 (Continued)

STANDARDS

Do performance measures (PM's) correctly IAW DOD Reg 5154.4S, AR 700-22, AR 725-50, FM 9-38, TM 38-750, TM 743-200-1; SB 742-1; SB for type of rocket being inspected, MIL-STD 129F, ammunition drawings and SOP. Use other references IAW paragraph 2-2b, SB 742-1. When you use drawings and specifications in making your inspection, be sure they are the same as listed on the Ammunition Data Card. Follow all safety rules.

PERFORMANCE MEASURES

1. Select samples from storage (para 2-2, 2-21, and/or 2-22, SB 742-1).
2. Inspect more outer packs at storage location as required.
3. Record results of inspection of outer pack on ASIR (SOP).
4. Transfer samples to surveillance workshop.
5. Post fire symbols/chemical hazard markers (chap 11, DOD Reg 5154.4S).
6. Inspect outer pack including DOT nomenclature and other markings.
7. Record inspection results and classify defects of outer pack inspection on ASIR (SOP).
8. Open and take contents from container.
9. Inspect inner pack (ammunition drawings).
10. Record inspection results and classify defects of inner pack inspection on ASIR (SOP).
11. Inspect items (ammunition drawings and SB).

NOTE: Do PM's 12 thru 15 for 4-round clips and the M202 launcher.

12. Check for leakers.
13. Check to be sure bail is snapped back to stow position.
14. Check that clip support assembly is there and tight.
15. Check to be sure that there is no more than 5/16-inch between warhead and inner tube.
16. Record inspection results and classify defects of inspection of items on ASIR.
17. Run a continuity/resistance test if necessary (SB 742-1340-94-301).
18. Put test results on the ASIR (SB 742-1340-94-301 and SOP).
19. Repackage items (ammunition drawings).
20. Mark boxes as surveillance samples (para 2-2c, SB 742-1).
21. Complete ASIR (chap 4, AR 700-22, app AB, AR 725-50, and SOP).
22. Make out an ammunition condition code (ACC) status change using DA Form 3151-R or DA Form 4508 (para 3-16, FM 9-38, para 5.2.4.5.4, TM 742-200-1). Prepare an ACC status change when the condition code of the lot number is recommended for ACC change.
23. Make out enough materiel tags or labels for lot to put on each stack as necessary (para 5.4.16.2, or para 5.4.16.3, MIL-STD 129F).

TASK 093-55X-3324 (Continued)

24. Make out ammunition condition report (ACR) for lot (para 5-8, TM 38-750).
25. Get document numbers for ACC status change, materiel tags or labels and ACR.
26. Post document number to the right document. All document numbers will be posted to ASIR.
27. Make sure all reports and forms are complete and accurate.
28. Send reports and DSR card to administrative branch.

REFERENCES

DOD Reg 5154.4S; AR 700-22, AR 725-50; FM 9-38; TM 3-1055-218-12, TM 38-750, TM 743-200-1; SB 3-1340-10, SB 742-1, SB 742-1340-94-200, SB 742-1340-94-301; MIL-STD 129F; ammunition drawings and SOP.

TASK 093-55X-3325
PERFORM PRE-ISSUE INSPECTION OF ROCKET AMMUNITION

CONDITIONS

You are an ammunition inspector and must perform a pre-issue inspection for a lot number of rocket ammunition. Make the inspection at the surveillance workshop or other inspection area. You'll have:

- | FORMS | PUBLICATIONS |
|--|-------------------------------------|
| 1. DD Form 1577 (Unserviceable Condemned Tag-Materiel) or DD Form 1577-1 (Unserviceable Condemned Label-Materiel). | 1. DOD Reg 5154.4S. |
| 2. DD Form 1577-2 (Unserviceable Reparable Tag-Materiel) or DD Form 1577-3 (Unserviceable Reparable Label-Materiel). | 2. AR 700-22. |
| 3. DA Form 2415 (Ammunition Condition Report). | 3. AR 725-50. |
| 4. DA Form 3022-R (Army Depot Surveillance Record). | 4. FM 9-38. |
| 5. DA Form 3151-R (Ammunition Stores Slip) or DA Form 4508 (Ammunition Transfer Record). | 5. TM 38-750. |
| 6. Ammunition surveillance inspection report (ASIR). | 6. TM 743-200-1. |
| | 7. SB 742-1. |
| | 8. Other proper SB. |
| | 9. MIL-STD 129F. |
| | 10. Ammunition drawings. |
| | 11. SOP. |
| | 12. Related technical publications. |

EQUIPMENT

1. Strapping and sealing kit.
2. Face shield or safety goggles.
3. Steel-toe safety shoes.
4. Explosive handler's coveralls.
5. Leather or leather-palm gloves.
6. Hammer.
7. Crowbar.
8. Lead wire seals.
9. Lead wire sealer.
10. Pressure-sensitive adhesive tape.
11. Surveillance workshop equipment.
12. Micrometers.
13. Fire symbols and/or chemical hazard markers.
14. Fire fighting equipment.
15. Ballpoint pen.
16. Paper.

TASK 093-55X-3325 (Continued)

STANDARDS

Do performance measures (PM's) correctly IAW DOD Reg 5154.4S, AR 700-22, AR 725-50, FM 9-38, TM 38-750, TM 743-200-1, SB 742-1, SB for item being inspected, MIL-STD 129F, ammunition drawings and SOP. Other references may be used IAW para 2-2b, SB 742-1. When you use drawings and specifications in making your inspection, be sure they are the same as listed on the Ammunition Data Card. Follow all safety rules.

PERFORMANCE MEASURES

1. Select samples from storage (para 2-2, 2-21, and/or 2-22, SB 742-1).
2. Inspect more outer packs at storage location as required (SOP).
3. Record results of inspection of outer pack on ASIR (SOP).
4. Get samples to surveillance workshop (SOP).
5. Post fire symbols/chemical hazard markers (chap 11, DOD Reg 5154.4S).
6. Inspect outer pack to include DOT nomenclature and other markings (ammunition drawings and SOP).
7. Record inspection results and classify defects noted during outer pack inspection on the ASIR (para 2-4, SB 742-1, and SOP).
8. Open and take contents from container (SOP).
9. Inspect inner pack (ammunition drawings and SOP).
10. Record inspection results and classify defects noted during inner pack inspection on the ASIR (para 2-4, SB 742-1, and SOP).
11. Inspect items (ammunition drawings, SB and SOP).

NOTE: DO PM's 12 thru 15 for 4-round clips and the M202 launcher.

12. Check for leakers.
13. Make sure bail is snapped back to the stow position.
14. Make sure that clip support assembly is there and tight.
15. Check to be sure that there is no more than 5/16-inch between warhead and inner tube.
16. Record inspection results and classify defects noted during item inspection on the ASIR (para 2-4, SB 742-1, and SOP).
17. Do a continuity/resistance test if necessary
SB 742-1340-94-301 and SOP).
18. Record test results on the ASIR (SB 742-1340-94-301 and SOP).
19. Repackage items (ammunition drawings and SOP).
20. Identify boxes as surveillance samples (para 2-2c, SB 742-1).
21. Complete ASIR (chap 4, AR 700-22; app AB, AR 725-50, and SOP).
22. Make out an ammunition condition code (ACC) status change using DA Form 3151-R or DA Form 4508 (para 3-16, FM 9-38, or para 5.2.4.5.4, TM 743-200-1). Prepare an ACC status change when the condition code of the lot number is recommended for ACC change.
23. Make up enough materiel tags or labels for lot to put on each stack if necessary (para 5.4.16.2 or para 5.4.16.3, MIL-STD 129F).

TASK 093-55X-3325 (Continued)

24. Make out ammunition condition report (ACR) for lot (para 5-8, TM 38-750).
25. Get document numbers for ACC status change, materiel tags or labels, and ACR.
26. Post document numbers to the right document. All document numbers will be posted to ASIR.
27. Make sure reports and forms are complete and accurate.
28. Send reports and DSR card to administrative branch.

REFERENCES

DOD Reg 5154.4S; AR 700-22, AR 700-50; FM 9-38; TM 3-1055-218-12, TM 38-750, TM 743-200-1; SB 3-1340-10, SB 742-1, SB 742-1340-94-200, SB 742-1340-94-301; ammunition drawings; SOP and related technical publications.

TASK 093-55X-3326

PERFORM SPECIAL INSPECTION OF ROCKET AMMUNITION

CONDITIONS

You are an ammunition inspector and have been told to make a special inspection on a lot number of rocket ammunition. Do the inspection at the surveillance workshop or other inspection area. You'll make special inspections when higher headquarters tells you, or when you have to take care of special or local requirements. You'll have:

FORMS

1. DD Form 1577 (Unserviceable Condemned Tag-Materiel) or DD Form 1577-1 (Unserviceable Condemned Label-Materiel).
2. DD Form 1577-2 (Unserviceable Reparable Tag-Materiel) or DD Form 1577-3 (Unserviceable Reparable Label-Materiel).
3. DA Form 2415 (Ammunition Condition Report).
4. DA Form 3022-R (Army Depot Surveillance Record).
5. DA Form 3151-R (Ammunition Stores Slip) or DA Form 4508 (Ammunition Transfer Record).
6. Ammunition surveillance inspection report (ASIR).

PUBLICATIONS

1. DOD Reg 5154.4S.
2. AR 700-22.
3. AR 725-50.
4. FM 9-38.
5. AR 700-22.
6. TM 38-750.
7. TM 743-200-1.
8. SB 742-1.
9. Other appropriate SB.
10. MIL-STD 129F.
11. Ammunition drawings.
12. SOP.
13. Related technical publications.

EQUIPMENT

1. Strapping and sealing kit.
2. Face shield or safety goggles.
3. Steel-toe safety shoes.
4. Explosive handler's coveralls.
5. Leather or leather-palm gloves.
6. Hammer.
7. Crowbar.
8. Lead wire seals.
9. Lead wire sealer.
10. Pressure-sensitive adhesive tape.
11. Surveillance workshop equipment.
12. Micrometers.
13. Fire symbols and/or chemical hazard markers.
14. Fire fighting equipment.
15. Ballpoint pen.
16. Paper.

TASK 093-55X-3326 (Continued)

STANDARDS

Do performance measures (PM's) correctly IAW DOD Reg 5154.4S, AR 700-22, AR 725-50, FM 9-38, TM 38-750, TM 743-200-1, SB 742-1, SB for item being inspected, MIL-STD 129F, ammunition drawings and SOP. Other references may be used IAW para 2-2b, SB 742-1. When you use drawings and specifications in making your inspection, be sure they are the same as listed on the Ammunition Data Card. Follow all safety rules.

PERFORMANCE MEASURES

1. Select samples from storage (para 2-2, 2-21, and/or 2-22, SB 742-1).
2. Inspect more outer packs at storage location as required (SOP).
3. Record results of inspection of outer pack on ASIR (SOP).
4. Get samples to surveillance workshop (SOP).
5. Post fire symbols/chemical hazard markers (chap 11, DOD Reg 5154.4S).
6. Inspect outer pack including DOT nomenclature and other markings (ammunition drawings and SOP).
7. Record inspection results and classify defects noted during outer pack inspection on the ASIR (para 2-4, SB 742-1, and SOP).
8. Open and take contents from container (SOP).
9. Inspect inner pack (ammunition drawings).
10. Record inspection results and classify defects noted during inner pack inspection on the ASIR (para 2-4, SB 742-1, and SOP).
11. Inspect items (ammunition drawings, SB and SOP).

NOTE: Do PM's 12 thru 15 for 4-round clip and the M202 launcher.

12. Check for leakers.
13. Make sure bail is snapped back to the tow position (SOP).
14. Check that clip support assembly is there and tight (SOP).
15. Check to be sure that there is no more than 5/16-inch between warhead and inner tube (SOP).
16. Record inspection results and classify defects noted during item inspection on the ASIR (para 2-4, SB 742-1, and SOP).
17. Do a continuity resistance test if necessary (SB 742-1340-94-301).
18. Record test results on the ASIR (SOP).
19. Repackage items (ammunition drawings and SOP).
20. Identify boxes as surveillance samples (para 2-2c, SB 742-1).
21. Evaluate inspection results and recommend the right ACC (app AB, AR 725-50).
22. Complete ASIR (chap 4, AR 700-22; SOP).
23. Make out an ammunition condition code (ACC) status change using DA Form 3151-R or DA Form 4508 (para 3-16, FM 9-38; para 5.2.4.5.4, TM 743-200-1). Make out an ACC status change when the condition code of the lot number is recommended for ACC change.

TASK 093-55X-3326 (Continued)

24. Make up enough materiel tags or labels for lot to put on each stack if necessary (para 5.4.16.2 or para 5.4.16.3, MIL-STD 129F).
25. Make out ammunition condition report (ACR) for lot number if required (para 5-8, TM 38-750).
26. Get document numbers for ACC status change, materiel tags or labels, and ACR.
27. Post document numbers to the right document. All document numbers will be posted to ASIR.
28. Make sure reports and forms are complete and accurate.
29. Send reports and DSR card to administrative branch.

REFERENCES

DOD Reg 5154.4S; AR 700-22, AR 725-50; FM 9-38; TM 3-1055-218-12, TM 38-750, TM 743-200-1; SB 3-1340-10, SB 742-1, SB 742-1340-94-200, SB 742-1340-301; MIL-STD 129F; ammunition drawings; SOP and related technical publications.

TASK 093-55X-3328

PERFORM CONTINUITY/RESISTANCE TEST OF ROCKET AMMUNITION

CONDITIONS

You are an ammunition inspector, and you must do a continuity/resistance test of rocket ammunition. Do this task at the surveillance workshop or other test area. You'll use:

FORMS

1. DA Form 3022-R (Army Depot Surveillance Record).
2. Ammunition surveillance inspection report (ASIR).

PUBLICATIONS

1. AR 700-22.
2. TM 9-1340-222-20.
3. SB 742-1.
4. SB 742-1340-94-200.
5. SB 742-1340-94-301.
6. SOP.

EQUIPMENT

APE associated kits, Alinco test set.

STANDARDS

Do performance measures (PM's) correctly IAW AR 700-22, TM 9-1340-222-20, SB 742-1, SB 742-1340-94-200, SB 742-1340-94-301, and SOP. Follow necessary safety rules.

PERFORMANCE MEASURES

1. Set up APE equipment (para 4c, SB 742-1340-94-301, and Operator's Manual).
2. Do (as required) continuity test with shorting clip installed on rocket, (para 2-24c (2), SB 742-1).
3. Do a igniter circuit resistance test with shorting clip off (para 7b, SB 742-1340-94-301).
4. Record igniter resistance test readings on ASIR.
5. Evaluate test results (para 7c, SB 742-1340-94-301).
6. Record test results on ASIR.

REFERENCES

AR 700-22; TM 9-1300-206; SB 742-1, SB 742-1340-94-200, SB 742-1340-94-301; AMCR 385-100 and SOP.

TASK 093-55X-3329**PERFORM INITIAL RECEIPT INSPECTION OF MINES****CONDITIONS**

You are an ammunition inspector in a surveillance section, and you have been told to make an initial receipt inspection of a lot of mines. Do this task in the surveillance workshop or other inspection area in good weather. The lot will need an initial receipt inspection for visible damage when it comes from the vendor. You'll have:

FORMS

1. DD Form 250 (Materiel Inspection and Receiving Report).
2. DD Form 1577 (Unserviceable Condemned Tags-Materiel) or DD Form 1577-1 (Unserviceable Condemned Labels-Materiel).
3. DA Form 2415 (Ammunition Condition Report).
4. DA Form 3022-R (Army Depot Surveillance Record).
5. DA Form 3151-R (Ammunition Stores Slip) or DA Form 4508 (Ammunition Transfer Record).
6. SF Form 361 (Discrepancy in Shipment Report).
7. Ammunition surveillance inspection report (ASIR).

PUBLICATIONS

1. DOD Reg 5154.4S.
2. AR 700-200.
3. AR 725-50.
4. TM 38-750.
5. TM 743-200-1.
6. SB 742-1.
7. SB for mine being inspected.
8. MIL-STD 129F.
9. Ammunition drawings.
10. SOP.
11. Related technical publications.

EQUIPMENT

1. Strapping and sealing equipment.
2. Face shield or safety goggles.
3. Steel-toe safety shoes.
4. Explosive handler's coveralls.
5. Leather or leather-palm gloves.
6. Hammer.
7. Crowbar.
8. Lead wire seal.
9. Lead wire sealer.
10. Pressure-sensitive adhesive tape.
11. Surveillance workshop equipment.
12. Fire symbols and/or chemical hazard markers.
13. Fire fighting equipment.
14. Ballpoint pen.
15. Paper.

TASK 093-55X-3329 (Continued)

STANDARDS

Do performance measures (PM's) correctly IAW DOD Reg 5154.4S, AR 700-22, TM 38-750, TM 743-200-1, SB 742-1, SB for mine inspected, MIL-STD 129F, ammunition drawings, and SOP. Other references may be used. When you use drawings and specifications in making your inspection, be sure they are the same as listed on the Ammunition Data Card. Follow all safety rules.

PERFORMANCE MEASURES

1. Select samples (para 2-2, 2-21 and/or 2-22, SB 742-1).
2. Inspect outer pack to include DOT nomenclature and other markings (ammunition drawings and SOP).
3. Record inspection results and classify defects noted during outer pack inspection on the ASIR (para 2-4, SB 742-1, and SOP).
4. Transfer samples to surveillance workshop if necessary (SOP).
5. Post fire symbols/chemical hazard markers as necessary (chap 11, DOD Reg 5154.4S).
6. Open and take contents from containers if necessary (SOP).
7. Inspect inner pack as necessary (ammunition drawings and SOP).
8. Record inspection results and classify defects noted during inner pack inspection on the ASIR (para 2-4, SB 742-1, and SOP).
9. Inspect items as necessary (proper SB, ammunition drawings and SOP).
10. Perform leak-sealing procedures on chemical mines if required (SOP).
11. Record inspection results and classify defects noted during item inspection on the ASIR (para 2-4, SB 742-1, and SOP).
12. Repackage items as necessary (ammunition drawings and SOP).
13. Identify boxes as surveillance samples as necessary (para 2-2c, SB 742-1, and SOP).
14. Complete ASIR (chap 4, AR 700-22; app AB, AR 725-50, and SOP).
15. Make out an ammunition condition code (ACC) status change using DA Form 3151-R or DA Form 4508; (para 3-16, FM 9-38; para 5.2.4.5.4, TM 743-200-1). Make out an ACC status change when the condition code of the lot number is recommended for ACC change.
16. Make up enough materiel tags or labels for lot to put on each stack if necessary (para 5.4.16.2 or para 5.4.16.3, MIL-STD 129F).
17. Make out ammunition condition report (ACR) for lot if necessary (para 5-8, TM 38-750).
18. Get document numbers for ACC status change, ACR, and materiel tags or labels as necessary.
19. Post document numbers to the right document. All document numbers will be posted to ASIR if necessary.
20. Make sure all reports and forms are complete and accurate.
21. Send reports and DSR card to administrative branch.

TASK 093-55X-3329 (Continued)

REFERENCES

DOD Reg 5154.4S; AR 700-22, AR 725-50; FM 9-38; TM 9-1345-202-12, TM 38-750, TM 743-200-1; SB 742-1, SB 742-1345-1, SB 742-1345-50, and SB 742-1345-94-444; MIL-STD 129F; ammunition drawings; SOP and related technical publications.

TASK 093-55X-3330
PERFORM RECEIPT INSPECTION OF MINES

CONDITIONS

You are an ammunition inspector in the surveillance section and must make a receipt inspection of a lot of mines. A receipt inspection is needed:

(1) When materiel comes from another storage activity and the DA Form 3022-R [Army Depot Surveillance Record (DSR)] shows that an inspection was made on the lot of ammunition within the proper time interval. Your inspection will be on a sampling basis for damage in transit only. If there was damage, the lot will be sampled, and you will look for damage in transit, deterioration defects and nonstandard conditions.

(2) When materiel comes from another storage activity with no DSR card. Your inspection will be on a sampling basis for damage in transit, deterioration and nonstandard conditions. More samples may be needed to find out the serviceability of the lot.

(3) When you get field returns. Besides a 100% inspection of materiel in unsealed containers, materiel in sealed containers will be inspected on a sampling basis for damage in transit, deterioration and nonstandard conditions.

Do this task in the surveillance workshop or other inspection area. You will have:

FORMS	PUBLICATIONS
1. DD Form 1577 (Unserviceable Condemned Tags-Materiel) or DD Form 1577-1 (Unserviceable Condemned Labels-Materiel).	1. DOD Reg 5154.4S. 2. AR 700-22. 3. AR 725-50. 4. FM 9-38.
2. DA Form 2415 (Ammunition Condition Reports).	5. TM 38-750. 6. TM 743-200-1.
3. DA Form 3022-R (Army Depot Surveillance Record).	7. SB 742-1. 8. Other SB.
4. DA Form 3151-R (Ammunition Stores Slip) or DA Form 4508 (Ammunition Transfer Record).	9. MIL-STD 129F. 10. Ammunition drawings. 11. SOP.
5. Ammunition surveillance inspection report(ASIR).	12. Related technical publications.

TASK 093-55X-3330 (Continued)

EQUIPMENT

1. Strapping and sealing equipment.
2. Face shield or safety goggles.
3. Steel-toe safety shoes.
4. Explosive handler's coveralls.
5. Leather or leather-palm gloves.
6. Hammer.
7. Crowbar.
8. Lead wire seal.
9. Lead wire sealer.
10. Pressure-sensitive adhesive tape.
11. Surveillance workshop equipment.
12. Fire symbols and/or chemical hazard markers.
13. Fire fighting equipment.
14. Ballpoint pen.
15. Paper.

STANDARDS

Do performance measures (PM's) correctly IAW DOD Reg 5154.4S, AR 700-22, AR 725-50, FM 9-38, TM 38-750, TM 743-200-1, SB 742-1, SB for mine being inspected, MIL-STD 129F, ammunition drawings and SOP. Other references may be used IAW para 2-2b, SB 742-1. When you use drawings and specifications in making your inspection, be sure they are the same as listed on the Ammunition Data Card. Follow all safety rules.

PERFORMANCE MEASURES

1. Select samples from storage (para 2-2, 2-21 and/or 2-22, SB 742-1).
2. Inspect outer pack including DOT nomenclature and other markings (ammunition drawings and SOP).
3. Record inspection results and classify defects noted during outer pack inspection on the ASIR (para 2-4, SB 742-1, and SOP).
4. Transfer samples to surveillance workshop if necessary (SOP).
5. Post fire symbols/chemical hazard markers (chap 11, DOD Reg 5154.4S) if necessary.
6. Open and take contents from container as necessary (SOP).
7. Inspect inner pack as necessary (ammunition drawings and SOP).
8. Record inspection results and classify defects noted during inner pack inspection on the ASIR (para 2-4, SB 742-1, and SOP).
9. Inspect items (SB, ammunition drawings and SOP) if necessary.
10. Perform leak sealing procedures on chemical mines if required.
11. Make sure a new arming instruction tag is attached to the M26 mine (SOP).
12. Record inspection results and classify defects noted during item inspection on the ASIR (para 2-4, SB 742-1, and SOP).
13. Repackage items (ammunition drawings and SOP) as necessary.
14. Identify boxes as surveillance samples (para 2-2c, SB 742-1) as necessary.
15. Complete ASIR (chap 4, AR 700-22; app AB, AR 725-50, and SOP).
16. Make out an ammunition condition code (ACC) status change using DA Form 3151-R or DA Form 4508 (para 3-16, FM 9-38; para 5.2.4.5.4, TM 743-200-1) as necessary.

TASK 093-55X-3330 (Continued)

17. Make out enough materiel tags or labels for lot to put on each stack as necessary (para 5.4.16.2 or para 5.4.16.3, MIL-STD 129F).
18. Make out ammunition condition report (ACR) for lot number (para 5-8, TM 38-750) as necessary.
19. Get document numbers for ACC status change (ACR) and materiel tags or labels if necessary.
20. Post document numbers on the right document. All document numbers will be posted to ASIR, as necessary.
21. Make sure all reports and forms are complete and accurate.
22. Send reports and DSR card to administrative branch.

REFERENCES

DOD Reg 5154.4S; AR 700-22, AR 725-50; FM 9-38; TM 9-1345-202-12, TM 38-750, TM 743-200-1; SB 742-1, SB 742-1345-1, SB 742-1345-50, SB 742-1345-94-444; MIL-STD 129F; ammunition drawings; SOP and related technical publications.

TASK 093-55X-3331

PERFORM PERIODIC INSPECTION OF MINES

CONDITIONS

You are an ammunition inspector and the ammunition inspection forecast shows a periodic inspection is due on a lot of mines. Make the inspection at the surveillance workshop or other inspection area. You'll have:

FORMS

1. DD Form 1577 (Unserviceable Condemned Tag-Materiel).
2. DD Form 1577-2 (Unserviceable Reparable Tag-Materiel) or DD Form 1577-3 (Unserviceable Reparable Label-Materiel).
3. DA Form 2415 (Ammunition Condition Report).
4. DA Form 3151-R (Ammunition Stores Slip) or DA Form 4508 (Ammunition Transfer Record).
5. Ammunition surveillance inspection report (ASIR).

PUBLICATIONS

1. DOD Reg 5154.4S.
2. AR 700-22.
3. AR 725-50.
4. FM 9-38.
5. TM 743-200-1.
6. SB 742-1.
7. Other proper SB.
8. Ammunition drawings.
9. SOP.
10. Related technical publications.

EQUIPMENT

1. Strapping and sealing equipment.
2. Face shield or safety goggles.
3. Steel-toe safety shoes.
4. Explosive handler's coveralls.
5. Leather or leather-palm gloves.
6. Hammer.
7. Crowbar.
8. Lead wire seals.
9. Lead wire sealer.
10. Pressure-sensitive adhesive tape.
11. Surveillance workshop equipment.
12. Fire symbols and/or chemical hazard markers.
13. Fire fighting equipment.
14. Ballpoint pen.
15. Paper.

STANDARDS

Do performance measures (PM's) correctly IAW DOD Reg 5154.4S, AR 700-22, AR 725-50, FM 9-38, TM 38-750, TM 743-200-1, SB 742-1, SB for mine being inspected, MIL-STD 129F, ammunition drawings and SOP. Other references may be used IAW para 2-2b, SB 742-1. When you use drawings and specifications in making your inspection, be sure they are the same as listed on the Ammunition Data Card. Follow all safety rules.

TASK 093-55X-3331 (Continued)

PERFORMANCE MEASURES

1. Select samples from storage (para 2-2, 2-21 and/or 2-22, SB 742-1).
2. Inspect more outer packs at storage location as needed (SOP).
3. Record results of inspection of outer pack on ASIR (SOP).
4. Transfer samples to surveillance workshop.
5. Post fire symbols/chemical hazard markers (chap 11, DOD Reg 5154.4S).
6. Inspect outer packs of samples to include DOT nomenclature and other markings (ammunition drawings and SOP).
7. Record inspection results and classify defects noted during outer pack inspection on the ASIR (para 2-4, SB 742-1, and SOP).
8. Open and take contents from container (SOP).
9. Inspect inner pack (ammunition drawings and SOP).
10. Record inspection results and classify defects noted during inner pack inspection on the ASIR (para 2-4, SB 742-1, and SOP).
11. Inspect items (ammunition drawings, SB and SOP).
12. Perform leak sealing procedures on chemical mines if required.
13. Make sure that new arming instruction tag is attached to the M26 mine.
14. Record inspection results and classify defects noted during item inspection on the ASIR (para 2-4, SB 742-1, and SOP).
15. Repackage item (ammunition drawings and SOP).
16. Mark boxes as surveillance samples (para 2-2c, SB 742-1).
17. Complete ASIR (chap 4, AR 700-22; app AB, AR 725-50, and SOP).
18. Make out an ammunition condition code (ACC) status change using DA Form 3151-R or DA Form 4508 (para 3-16, FM 9-38; para 5.2.4.5.4, TM 743-200-1). Prepare an ACC status change when the condition code of the lot number is recommended for ACC change.
19. Make out enough materiel tags or labels for lot to put on each stack (para 5.4.16.2 or 5.4.16.3, MIL-STD 129F).
20. Make out ammunition condition report (ACR) for lot number (para 5-8, TM 38-750).
21. Get document numbers for ACC status change, materiel tags or labels, and ACR.
22. Post document numbers on the right document. All document numbers will be posted to ASIR.
23. Make sure all reports and forms are complete and accurate.
24. Send reports and DSR card to administrative branch.

REFERENCES

DOD Reg 5154.4S; AR 700-22, AR 725-50; FM 9-38; TM 9-1345-202-12, TM 38-750, TM 743-200-1; SB 742-1, SB 742-1345-1, SB 742-1345-50, SB 742-1345-94-444; MIL-STD 129F; ammunition drawings; SOP and related technical publications.

TASK 093-55X-3332
PERFORM PRE-ISSUE INSPECTION OF MINES

CONDITIONS

You are an ammunition inspector and have been told to make a pre-issue inspection on a lot number of mines. Do this task at the surveillance workshop or other inspection area. You'll have:

FORMS

1. DD Form 1577 (Unserviceable Condemned Tag-Materiel) or DD Form 1577-1 (Unserviceable Condemned Label-Materiel).
2. DD Form 1577-2 (Unserviceable Reparable Tag-Materiel) or DD Form 1577-3 (Unserviceable Reparable Label-Materiel).
3. DA Form 2415 (Ammunition Condition Report).
4. DA Form 3022-R [(Army Depot Surveillance Record (DSR)].
5. DA Form 3151-R (Ammunition Stores Slip) or DA Form 4508 (Ammunition Transfer Record).
6. Ammunition surveillance inspection report (ASIR).

PUBLICATIONS

1. DOD Reg 5154.4S.
2. AR 700-22.
3. AR 725-50.
4. FM 9-38.
5. TM 38-750.
6. TM 743-200-1.
7. SB.
8. Ammunition drawings.
9. SOP.
10. Related technical publications.

EQUIPMENT

1. Strapping and sealing equipment.
2. Face shield or safety goggles.
3. Steel-toe safety shoes.
4. Explosive handler's coveralls.
5. Leather or leather-palm gloves.
6. Hammer.
7. Crowbar.
8. Lead wire seals.
9. Lead wire sealer.
10. Pressure-sensitive adhesive tape.
11. Surveillance workshop equipment.
12. Fire symbols and/or chemical hazard markers.
13. Fire fighting equipment.
14. Ballpoint pen.
15. Paper.
16. Samples of a lot of mines.
17. A cargo vehicle.

STANDARDS

Do performance measures (PM's) correctly IAW DOD Reg 5154.4S, AR 700-22, AR 725-50, FM 9-38, TM 38-750, TM 743-200-1, SB 742-1, SB for mine being inspected, MIL-STD 129F, ammunition drawings and SOP. Other references

TASK 093-55X-3332 (Continued)

may be used IAW para 2-2b, SB 742-1. When you use drawings and specifications in making your inspection, be sure they are the same as listed on the Ammunition Data Card. Follow all safety rules.

PERFORMANCE MEASURES

1. Select samples from storage (para 2-2, 2-21 and/or 2-22, SB 742-1).
2. Inspect more outer packs at storage location as required (SOP).
3. Record results of inspection of outer pack on ASIR (SOP).
4. Transfer samples to surveillance workshop.
5. Post fire symbols/chemical hazard markers (chap 11, DOD Reg 5154.4S).
6. Inspect outer pack including DOT nomenclature and other markings (ammunition drawings and SOP).
7. Record inspection results and classify defects noted during outer pack inspection on the ASIR (para 2-4, SB 742-1, and SOP).
8. Open and take contents from container (SOP).
9. Inspect inner pack (ammunition drawings and SOP).
10. Record inspection results and classify defects noted during inner pack inspection on the ASIR (para 2-4, SB 742-1, and SOP).
11. Inspect items (drawings, SB's and SOP).
12. Perform leak sealing procedures on chemical mines if required.
13. Make sure that new arming instruction tag is attached to the M26 mine.
14. Record inspection results and classify defects noted during item inspection on the ASIR (para 2-4, SB 742-1, and SOP).
15. Repack items (ammunition drawings and SOP).
16. Identify boxes as surveillance samples (para 2-2c, SB 742-1, and SOP).
17. Evaluate inspection results and recommend the right ammunition condition code (ACC) (app AB, AR 725-50).
18. Complete ASIR (chap 4, AR 700-22 and SOP).
19. Make out an ACC status change using DA Form 3151-R or DA Form 4508 (para 3-16, FM 9-38, or para 5.2.4.5.4, TM 743-200-1). Make out an ACC status change when the condition code of the lot number is recommended for ACC change.
20. Make out enough materiel tags or labels for lot to put on each stack (para 5.4.16.2 or 5.4.16.3, MIL-STD 129F).
21. Make out ammunition condition report (ACR) for lot if required (para 5-8, TM-38-750).
22. Get document numbers for ACC status change, materiel tags or labels, and ACR.
23. Post document numbers to the right document and post all document numbers to the ASIR.
24. Make sure reports and forms are complete and accurate.
25. Send reports and DSR card to administrative branch of the surveillance section.

TASK 093-55X 3332 (Continued)

REFERENCES

DOD Reg 5154.4S; AR 700-22, AR 725-50; FM 9-38; TM 9-1345-202-12, TM 38-750, TM 743-200-1; SB 742-1, SB 742-1345-1, SB 742-1345-50, SB 742-1345-94-444; MIL-STD 129F; SOP; ammunition drawings and related technical publications.

TASK 093-55X-3333
PERFORM SPECIAL INSPECTION OF MINES

CONDITIONS

You are an ammunition inspector and have been told to make a special inspection of a lot of mines. The inspection will be at the surveillance workshop or other inspection area. Do a special inspection when told by higher headquarters or to satisfy special or local requirements. You'll have:

FORMS

1. DD Form 1577 (Unserviceable Condemned Tag-Materiel) or DD Form 1577-1 (Unserviceable Condemned Label-Materiel).
2. DD Form 1577-2 (Unserviceable Reparable Tag-Materiel) or DD Form 1577-3 (Unserviceable Reparable Label-Materiel).
3. DA Form 2415 (Ammunition Condition Report).
4. DA Form 3151-R (Ammunition Stores Slip) or DA Form 4508 (Ammunition Transfer Record).
5. Ammunition surveillance inspection report (ASIR).

PUBLICATIONS

1. DOD Reg 5154.4S.
2. AR 700-22.
3. AR 725-50.
4. FM 9-38.
5. TM 38-750.
6. SB 742-1.
7. Proper SB.
8. SOP.
9. Related technical publications.

EQUIPMENT

1. Strapping and sealing equipment.
2. Face shield or safety goggles.
3. Steel-toe safety shoes.
4. Explosive handler's coveralls.
5. Leather or leather-palm gloves.
6. Hammer.
7. Crowbar.
8. Lead wire sealer.
9. Lead wire seals.
10. Pressure-sensitive adhesive tape.
11. Surveillance workshop equipment.
12. Fire symbols and/or chemical hazard markers.
13. Fire fighting equipment.
14. Ballpoint pen.
15. Paper.

STANDARDS

Do performance measures (PM's) correctly IAW DOD Reg 5154.4S, AR 700-22, AR 725-50, FM 9-38, TM 38-750, TM 743-200-1, SB 742-1, SB for mine being inspected, MIL-STD 129F, ammunition drawings and SOP. Other references may be used IAW para 2-2b, SB 742-1. When you use drawings and specifications

TASK 093-55X-3333 (Continued)

in making your inspection, be sure they are the same as listed on the Ammunition Data Card. Follow all safety rules.

PERFORMANCE MEASURES

1. Select samples from storage (para 2-2, 2-21 and/or 2-22, SB 742-1).
2. Inspect more outer packs at storage location as required (SOP).
3. Record results of inspection of outer pack on ASIR (SOP).
4. Transfer samples to surveillance workshop (SOP).
5. Post fire symbols/chemical hazard markers (chap 11, DOD Reg 5154.4S).
6. Inspect outer pack including DOT nomenclature and other markings (ammunition drawings and SOP).
7. Record inspection results and classify defects noted during outer pack inspection on the ASIR (para 2-4, SB 742-1, and SOP).
8. Open and take contents from container (SOP).
9. Inspect inner pack (ammunition drawings and SOP).
10. Record inspection results and classify defects noted during inner pack inspection on the ASIR (para 2-4, SB 742-1, and SOP).
11. Inspect items (drawings, SB's and SOP).
12. Perform leak-sealing procedures for a chemical mine if required (SOP).
13. Make sure that new arming instruction tag is attached to the M26 mine.
14. Record inspection results and classify defects noted during item inspection on the ASIR (para 2-4, SB 742-1, and SOP).
15. Repackage items (ammunition drawings and SOP).
16. Identify boxes as surveillance samples, (para 2-2c, SB 742-1, and SOP).
17. Complete ASIR (chap 4, AR 700-22; app AB, AR 725-50, and SOP).
18. Make out an ammunition condition code (ACC) status change, using DA Form 3151-R or DA Form 4508, (para 2-16, FM 9-38, or para 5.2.4.5.4, TM 743-200-1). Make out an ACC status change when the condition code of the lot number is recommended for an ACC change.
19. Fill out enough materiel tags or labels for lot to put on each stack (para 5.4.16.2 or 5.4.16.3, MIL-STD 129F).
20. Make out ammunition condition report (ACR) for lot number if required, (para 5-8, TM 38-750).
21. Get document numbers for ACC status change, materiel tags or labels, and ACR.
22. Post document numbers to the right document. All document numbers will be posted to ASIR.
23. Make sure all reports and forms are complete and accurate.
24. Send reports and DSR card to administrative branch.

REFERENCES

DOD Reg 5154.4S; AR 700-22, AR 725-50; FM 9-38; TM 9-1300-206, TM 9-1345-202-12, TM 38-750, TM 743-200-1; SB 742-1, SB 742-1345-1, SB 742-1345-50, SB 742-1345-94-444; MIL-STD 129F; ammunition drawings and related technical publications.

TASK 093-55X-3351
PERFORM INITIAL RECEIPT INSPECTION OF PYROTECHNICS

CONDITIONS

You are an ammunition inspector in a surveillance section, and you have been directed to perform an initial receipt inspection of a lot of pyrotechnics. Do this task in the surveillance workshop or the ammunition storage area in good weather. The lot will need an initial receipt inspection for visible damage when it comes from the vendor. You'll have:

FORMS

1. DD Form 250 (Materiel Inspection and Receiving Report).
2. DD Form 1577 (Unserviceable Condemned Tag-Materiel) or DD Form 1577-1 (Unserviceable Condemned Label-Materiel).
3. DA Form 2415 (Ammunition Condition Report).
4. DA Form 3022-R Army Depot Surveillance Record (DSR)].
5. DA Form 3151-R (Ammunition Stores Slip) or DA Form 4508 (Ammunition Transfer Record).
6. SF Form 361 (Discrepancy in Shipment Report).
7. Ammunition surveillance inspection report (ASIR).

PUBLICATIONS

1. DOD Reg 5154.4S.
2. AR 700-22.
3. FM 9-38.
4. TM 38-750.
5. TM 743-200-1.
6. SB 742-1.
7. Proper SB.
8. MIL-STD 129F.
9. Ammunition drawings.
10. SOP.
11. Related technical publications.

EQUIPMENT

1. Strapping and sealing equipment.
2. Face shield or safety goggles.
3. Steel-toe safety shoes.
4. Explosive handler's coveralls.
5. Leather or leather-palm gloves.
6. Hammer.
7. Crowbar.
8. Lead wire seal.
9. Lead wire sealer.
10. Pressure-sensitive adhesive tape.
11. Surveillance workshop equipment.
14. Ballpoint pen.
15. Paper.

TASK 093-55X-3351 (Continued)

STANDARDS

Do performance measures right IAW DOD Reg 5154.4S, AR 700-22, AR 725-50, FM 9-38, TM 38-750, TM 743-200-1, SB 742-1, SB for item being inspected, MIL-STD 129F, ammunition drawings and SOP. Other references may be used IAW para 2-2b, SB 742-1. When you use drawings and specifications in making your inspection, be sure they are the same as listed on the Ammunition Data Card. Follow all safety rules.

PERFORMANCE MEASURES

1. Select samples (para 2-2, 2-21 and/or 2-22, SB 742-1).
2. Inspect other outer packs at storage location as required (para 2-22, SB 742-1 and SOP).
3. Record results of inspection of outer pack on ASIR (SOP).
4. Transfer samples to surveillance workshop if necessary.
5. Post fire symbols, as necessary (chap 11, DOD Reg 5154.4S).
6. Inspect outer pack including DOT nomenclature and other markings (SB for item, ammunition drawings and SOP).
7. Record inspection results and classify defects noted during outer pack inspection on the ASIR (para 2-4, SB 742-1, and SOP).
8. Open container and take out contents (SOP).
9. Inspect inner pack (SB for item, ammunition drawings and SOP).
10. Record inspection results and classify defects noted during inner pack inspection on the ASIR (para 2-4, SB 742-1, and SOP).
11. Inspect items if necessary (SB for item, ammunition drawings and SOP).
12. Record inspection results and classify defects noted during item pack inspection on the ASIR (para 2-4, SB 742-1, and SOP).
13. Repackage items (ammunition drawings and SOP).
14. Identify boxes as surveillance samples as necessary (para 2-2c, SB 742-1, and SOP).
15. Complete ASIR as necessary, (chap 4, AR 700-22; app AB, AR 725-50, and SOP).
16. Make out an ammunition code (ACC) status change using DA Form 3151-R or DA Form 4508 as necessary (para 3-16, FM 9-38, or para 5.2.4.5.4, TM 743-200-1).
17. Fill out enough materiel tags or labels for lot to put on each stack as necessary (para 5.4.16.2 or 5.4.16.3, MIL-STD 129F).
18. Make out ammunition condition report (ACR) for lot if necessary (para 5-8, TM 38-750).
19. Get document numbers for ACC status change, materiel tags or labels and ACR as necessary.
20. Post document numbers to the right documents. All document numbers will be posted to ASIR.
21. Make sure all reports and forms are complete and accurate.
22. Send reports and DSR card to administrative branch.

TASK 093-55X-3351 (Continued)

REFERENCES

DOD Reg 5154.4S; AR 700-22, AR 725-50; FM 9-38; TM 38-750, TM 9-1370-203-13, TM 743-200-1; SB 742-1, SB 3-1370-3, SB 742-1370-3, SB 742-1370-4, SB 742-1370-5, SB 742-1370-6, SB 742-1370-7, SB 742-1370-8, SB 742-1370-9, SB 742-1370-10, SB 742-1370-11, SB 742-1370-12, SB 742-1370-13, SB 742-1370-14, SB 742-1370-15, SB 742-1370-16, SB 742-1370-17, SB 742-1370-22, SB 742-1370-27, SB 742-1370-28, SB 742-1370-29, SB 742-1370-30, SB 742-1370-31, SB 742-1370-33, SB 742-1370-37, SB 742-1370-54, SB 742-1370-94-418, SB 742-1370-94-419, SB 742-1370-94-442, SB 742-1370-443; MIL-STD 129F; ammunition drawings; SOP and related technical publications.

TASK 093-55X-3352
PERFORM RECEIPT INSPECTION OF PYROTECHNICS

CONDITIONS

You are an ammunition inspector in the surveillance section and must make a receipt inspection of a lot of pyrotechnics. A receipt inspection is needed:

(1) When materiel comes from another storage activity and the DA Form 3022-R [Army Depot Surveillance Record (DSR)] shows that an inspection was made on the lot of ammunition within the proper time interval. Your inspection will be on a sampling basis for damage in transit only. If there was damage, the lot will be sampled, and you will look for damage in transit, deterioration defects and nonstandard conditions.

(2) When materiel comes from another storage activity with no DSR card. Your inspection will be on a sampling basis for damage in transit, deterioration and nonstandard conditions. More samples may be needed to find out the serviceability of the lot.

(3) When you get field returns. Besides a 100% inspection of materiel in unsealed containers, materiel in sealed containers will be inspected on a sampling basis for damage in transit, deterioration and nonstandard conditions.

Do this task in the surveillance workshop or other inspection area. You'll have:

FORMS

1. DD Form 1577 (Unserviceable Condemned Tag-Materiel) or DD Form 1577-1 (Unserviceable Condemned Label-Materiel).
2. DA Form 2415 (Ammunition Condition Report).
3. DA Form 3022-(DSR card).
4. DA Form 3151-R (Ammunition Stores Slip) or DA Form 4508 (Ammunition Transfer Record).
5. Ammunition surveillance inspection report (ASIR).

PUBLICATIONS

1. DOD Reg 5154.4S.
2. AR 700-22.
3. AR 725-50.
4. FM 9-38.
5. TM 38-750.
6. TM 743-200-1.
7. SB 742-1.
8. Other SB's.
9. MIL-STD 129F.
10. Ammunition drawings.
11. SOP.
12. Related technical publications.

TASK 093-55X-3352 (Continued)

EQUIPMENT

1. Strapping and sealing equipment.
2. Face shield or safety goggles.
3. Steel-toe safety shoes.
4. Explosive handler's coveralls.
5. Leather or leather-palm gloves.
6. Hammer.
7. Crowbar.
8. Lead wire seal.
9. Lead wire sealer.
10. Pressure-sensitive adhesive tape.
11. Surveillance workshop equipment.
12. Fire symbols and/or chemical hazard markers.
13. Fire fighting equipment.
14. Ballpoint pen.
15. Paper.

STANDARDS

Do performance measures right IAW DOD Reg 5154.4S, AR 700-22, FM 9-38, TM 38-750, TM 743-200-1, SB 742-1, SB for items being inspected, MIL-STD 129F, ammunition drawings and SOP. Other references may be used IAW para 2-2b, SB 742-1. When you use drawings and specifications in making your inspection, be sure they are the same as listed on the Ammunition Data Card. Follow all safety rules.

PERFORMANCE MEASURES

1. Select samples from storage (para 2-2, 2-21 and/or 2-22, SB 742-1).
2. Inspect other outer packs at storage location as required (para 2-21, SB 742-1, and SOP).
3. Record results of inspection of outer pack on ASIR (SOP).
4. Send samples to surveillance workshop as necessary (SOP).
5. Post fire symbols/chemical hazard markers if necessary (chap 11, DOD Reg 5154.4S).
6. Inspect outer packs including DOT nomenclature and other markings (SB for item, ammunition drawings and SOP).
7. Record inspection results and classify defects noted during outer pack inspection on the ASIR (para 2-4, SB 742-1, and SOP).
8. Open container and take out contents if necessary (SOP).
9. Inspect inner pack (SB for item, ammunition drawings and SOP).
10. Record inspection results and classify defects noted during inner pack inspection on the ASIR (para 2-4, SB 742-1, and SOP).
11. Inspect items (SB for item, ammunition drawings and SOP).
12. Record inspection results and classify defects noted during item inspection on the ASIR (para 2-4, SB 742-1, and SOP).
13. Repackage items (ammunition drawings and SOP) if necessary.
14. Identify boxes as surveillance samples if necessary (para 2-2c, SB 742-1).
15. Complete ASIR as necessary (chap 4, AR 700-22; app AB, AR 725-50, and SOP).

TASK 093-55X-3352 (Continued)

16. Make out an ammunition condition code (ACC) status change using DA Form 3151-R or DA Form 4508 (para 3-16, FM 9-38, or para 5.2.4.5.4, TM 743-200-1) as necessary.
17. Fill out enough of the right materiel tags or labels for lot number to put on each stack if necessary (para 5.4.16.2 or 5.4.16.3, MIL-STD 129F).
18. Make out ammunition condition report (ACR) for lot number (para 5-8, TM 38-750) as necessary.
19. Obtain document numbers for (ACC) status change, materiel tags or labels, and ACR as necessary.
20. Post document numbers to the right documents. All document numbers will be posted to ASIR.
21. Make sure all reports and forms complete and accurate.
22. Send reports and DSR card to administrative branch.

REFERENCES

DOD Reg 5154.4S; AR 700-22, AR 725-50; FM 9-38; TM 9-1370-203-13, TM 38-750, TM 743-200-1; SB 742-1, SB 3-1370-3, SB 742-1370-3, SB 742-1370-4, SB 742-1370-5, SB 742-1370-6, SB 742-1370-7, SB 742-1370-8, SB 742-1370-9, SB 742-1370-10, SB 742-1370-11, SB 742-1370-12, SB 742-1370-13, SB 742-1370-14, SB 742-1370-15, SB 742-1370-16, SB 742-1370-17, SB 742-1370-22, SB 742-1370-27, SB 742-1370-28, SB 742-1370-29, SB 742-1370-30, SB 742-1370-31, SB 742-1370-33, SB 742-1370-37, SB 742-1370-54, SB 742-1370-94-418, SB 742-1370-94-419, SB 742-1370-94-442, SB 742-1370-94-443; MIL-STD 129F, ammunition drawings; SOP and related technical publications.

TASK 093-55X-3353
PERFORM PERIODIC INSPECTION OF PYROTECHNICS

CONDITIONS

You are an ammunition inspector, and the ammunition inspection forecast shows that a periodic inspection is due for a lot of pyrotechnics. Do the inspection at the surveillance workshop or other inspection area. You'll have:

FORMS	PUBLICATIONS
1. DD Form 1577 (Unserviceable Condemned Tag-Materiel) or DD Form 1577-1 (Unserviceable Condemned Label-Materiel).	1. DOD Reg 5154.4S.
2. DD Form 1577-2 (Unserviceable Reparable Tag-Materiel) or DD Form 1577-3 (Unserviceable Reparable Label-Materiel).	2. AR 700-22.
3. DA Form 2415 (Ammunition Condition Report).	3. AR 725-50.
4. DA Form 3022-R [Army Depot Surveillance Record (DSR)].	4. FM 9-38.
5. DA Form 3151-R (Ammunition Stores Slip) or DA Form 4508 (Ammunition Transfer Record).	5. TM 38-750.
6. Ammunition surveillance inspection report (ASIR).	6. TM 743-200-1.
	7. SB 742-1.
	8. Other SB's.
	9. Ammunition drawings.
	10. SOP.
	11. Related technical publications.

EQUIPMENT

1. Strapping and sealing equipment
2. Face shield or safety goggles.
3. Steel-toe safety shoes.
4. Explosives handler's coveralls.
5. Leather or leather-palm gloves.
6. Hammer.
7. Crowbar.
8. Lead wire seals.
9. Lead wire sealer.
10. Pressure-sensitive adhesive tape.
11. Surveillance workshop equipment.
12. Fire symbols.
13. Fire fighting equipment.
14. Ballpoint pen.

TASK 093-55X-3353 (Continued)

STANDARDS

Do performance measures right IAW DOD Reg 5154.4S, AR 700-22, AR 725-50, FM 9-38, TM 38-750, TM 743-200-1, SB 742-1, SB for item being inspected, MIL-STD 129F, ammunition drawings and SOP. Other references may be used IAW para 2-2b, SB 742-1. When you use drawings and specifications in making your inspection, be sure they are the same as listed on the Ammunition Data Card. Follow all safety rules.

PERFORMANCE MEASURES

1. Select samples from storage (para 2-2, 2-21, 2-22, SB 742-1, and SOP).
2. Inspect other outer packs at storage location as needed (para 2-21, 2-22, SB 742-1, and SOP).
3. Record results of inspection of outer pack on ASIR (SOP).
4. Transfer samples to surveillance workshop (SOP).
5. Post fire symbols (chap 11, DOD Reg 5154.4S).
6. Inspect outer pack including DOT nomenclature and other markings (SB for item, and SOP).
7. Record inspection results and classify defects noted during outer pack inspection on the ASIR (para 2-4, SB 742-1, and SOP).
8. Open container and take out contents (SOP).
9. Inspect inner pack (SB for item, ammunition drawings, and SOP).
10. Record inspection results and classify defects noted during inner pack inspection on the ASIR (para 2-4, SB 742-1, and SOP).
11. Inspect items (SB for item, ammunition drawings and SOP).
12. Record inspection results and classify defects noted during item inspection on the ASIR (para 2-4, SB 742-1, and SOP).
13. Repackage items (ammunition drawings and SOP).
14. Identify boxes as surveillance samples (para 2-2c, SB 742-1, and SOP).
15. Complete ASIR (chap 4, AR 700-22; app AB, AR 725-50, and SOP).
16. Make out an ammunition condition code (ACC) status change using DA Form 3151-R or DA Form 4508 (para 3-16, FM 9-38; or para 5.2.4.5.4, TM 743-200-1).
17. Fill out enough materiel tags or labels for lot to put on each stack (para 5.4.16.2 or 5.4.16.3, MIL-STD 129F).
18. Make out ammunition condition report (ACR) for lot number (para 5-8, TM 38-750).
19. Get document numbers for ACC status change, materiel tags or labels and ACR.
20. Post document numbers to the right documents. All document numbers will be posted to the ASIR (SOP).
21. Make sure all reports and forms are complete and accurate.
22. Send reports and DSR card to administrative branch.

TASK 093-55X-3353 (Continued)

REFERENCES

DOD Reg 5154.4S; AR 700-22, AR 725-50; FM 9-38; TM 9-1370-203-12, TM 38-750, TM 743-200-1; SB 742-1, SB 3-1370-3, SB 742-1370-4, SB 742-1370-5, SB 742-1370-6, SB 742-1370-7, SB 742-1370-8, SB 742-1370-9, SB 742-1370-10, SB 742-1370-11, SB 742-1370-12, SB 742-1370-13, SB 742-1370-14, SB 742-1370-15, SB 742-1370-16, SB 742-1370-17, SB 742-1370-22, SB 742-1370-27, SB 742-1370-28, SB 742-1370-29, SB 742-1370-30, SB 742-1370-31, SB 742-1370-33, SB 742-1370-37, SB 742-1370-54, SB 742-1370-418, SB 742-1370-419, SB 742-1370-94-442, SB 742-1370-453; MIL-STD 129F; ammunition drawings; SOP and related technical publications.

TASK 093-55X-3354

PERFORM PRE-ISSUE INSPECTION OF PYROTECHNICS

CONDITIONS

You are an ammunition inspector and have been told to make a pre-issue inspection on a lot of number of pyrotechnics. Make the inspection in the surveillance workshop or other inspection area. You'll have:

FORMS

1. DD Form 1577 (Unserviceable Condemned Tag-Materiel) or DD Form 1577-1 (Unserviceable Condemned Label-Materiel).
2. DD Form 1577-2 (Unserviceable Reparable Tag-Materiel) or DD Form 1577-3 (Unserviceable Reparable Label-Materiel).
3. DA Form 2415 (Ammunition Condition Report).
4. DA Form 3022-R [Army Depot Surveillance Record (DSR)].
5. DA Form 3151-R (Ammunition Stores Slip) or DA Form 4508 (Ammunition Transfer Record).
6. Ammunition surveillance inspection report (ASIR).

PUBLICATIONS

1. DOD Reg 5154.4S.
2. AR 700-22.
3. AR 725-50.
4. FM 9-38.
5. TM 38-750.
6. TM 743-200-1.
7. SB 742-1.
8. Other SB's.
9. Ammunition drawings.
10. SOP.
11. Related technical publications.

EQUIPMENT

1. Strapping and sealing equipment.
2. Face shield or safety goggles.
3. Steel-toe safety shoes.
4. Explosive handler's coveralls.
5. Leather or leather-palm gloves.
6. Hammer.
7. Crowbar.
8. Lead wire seals.

9. Lead wire sealer.
10. Pressure-sensitive adhesive tape.
11. Surveillance workshop equipment.
12. Fire symbols.
13. Fire fighting equipment.
14. Ballpoint pen.
15. Paper.

TASK 093-55X-3354 (Continued)

STANDARDS

Do performance measures right IAW DOD Reg 5154.4S, AR 700-22, AR 725-50; FM 9-38; TM 38-750, TM 743-200-1, SB 742-1, SB for item being inspected, MIL-STD 129F; ammunition drawings and SOP. Other references may be used IAW para 2-2, SB 742-1. When you use drawings and specifications in making your inspection, be sure they are the same as listed on the Ammunition Data Card. Follow all safety rules.

PERFORMANCE MEASURES

1. Select samples from storage (para 2-2, 2-21 and/or 2-22, SB 742-1, and SOP).
2. Inspect more outer packs at storage location as needed (para 2-21 and/or 2-22, SB 742-1, and SOP).
3. Record results of inspection of outer pack on ASIR (SOP).
4. Transfer samples to surveillance workshop (SOP).
5. Post fire symbols (chap 11, DOD Reg 5154.4S).
6. Inspect outer pack including DOT nomenclature and other markings (SB for item, ammunition drawings and SOP).
7. Record inspection results and classify defects noted during outer pack inspection on the ASIR (para 2-4, SB 742-1, and SOP).
8. Open and take contents from container (SOP).
9. Inspect inner pack (SB for item, ammunition drawings and SOP).
10. Record inspection results and classify defects noted during inner pack inspection on the ASIR (para 2-4, SB 742-1, and SOP).
11. Inspect items (SB for item, ammunition drawings and SOP).
12. Record inspection results and classify defects noted during item inspection on the ASIR (para 2-4, SB 742-1, and SOP).
13. Repackage items (SB for item, ammunition drawings and SOP).
14. Identify boxes as surveillance samples (para 2-2c, SB 742-1).
15. Complete ASIR (chap 4, AR 700-22; app AB, AR 725-50, and SOP).
16. Make out an ammunition condition code (ACC) status change using DA Form 3151-R or DA Form 4508 (para 3-16, FM 9-38, or para 5.2.4.5.4, TM 743-200-1).
17. Fill out enough materiel tags or labels for lot to put on each stack (para 5.4.16.2 or 5.4.16.3, MIL-STD 129F).
18. Make out ammunition condition report (ACR) for lot (para 5-8, TM 38-750).
19. Get document numbers for ammunition condition code (ACC) status change, materiel tags or labels, and ACR.
20. Post document numbers to the right documents. Post all document numbers to the ASIR.
21. Make sure all reports and forms are complete and accurate.
22. Send reports and DSR card to administrative branch.

TASK 093-55X-3354 (Continued)

REFERENCES

DOD Reg 5154.4S; AR 700-22, AR 725-50; FM 9-38; TM 9-1370-203-12, TM 38-750, TM 743-200-1; and SB 742-1, SB 3-1370-3, SB 742-1370-4, SB 742-1370-5, SB 742-1370-6, SB 742-1370-7, SB 742-1370-8, SB 742-1370-9, SB 742-1370-10, SB 742-1370-11, SB 742-1370-12, SB 742-1370-13, SB 742-1370-14, SB 742-1370-15, SB 742-1370-16, SB 742-1370-17, SB 742-1370-22, SB 742-1370-27, SB 742-1370-28, SB 742-1370-29, SB 742-1370-30, SB 742-1370-31, SB 742-1370-33, SB 742-1370-37, SB 742-1370-54, SB 742-1370-94-418, SB 742-1370-94-419, SB 742-1370-94-442, SB 742-1370-94-453; MIL-STD 129F; ammunition drawings; SOP and related technical publications.

TASK 093-55X-3355

PERFORM SPECIAL INSPECTION OF PYROTECHNICS

CONDITIONS

You are an ammunition inspector and have been told to make a special inspection of a lot of pyrotechnics. Make the inspection at the surveillance workshop or other inspection area. You'll have:

FORMS	PUBLICATIONS
1. DD Form 1577 (Unserviceable Condemned Tag-Materiel) or DD Form 1577-1 (Unserviceable Condemned Label-Materiel).	1. DOD Reg 5154.4S.
2. DD Form 1577-2 (Unserviceable Reparable Tag-Materiel) or DD Form 1577-3 (Unserviceable Reparable Label-Materiel).	2. AR 700-22.
3. DA Form 2415 (Ammunition Condition Report).	3. AR 725-50.
4. DA Form 3022-R [Army Depot Surveillance Record (DSR)].	4. FM 9-38.
5. DA Form 3151-R (Ammunition Stores Slip) or DA Form 4508 (Ammunition Transfer Record).	5. TM 38-750.
6. Ammunition surveillance inspection report (ASIR).	6. TM 743-200-1.
	7. SB 742-1.
	8. Other SB's.
	9. MIL-STD 129F.
	10. Ammunition drawings.
	11. SOP.
	12. Related technical publications.

EQUIPMENT

- | | |
|-------------------------------------|---------------------------------------|
| 1. Strapping and sealing equipment. | 9. Lead wire sealer. |
| 2. Face shield or safety goggles. | 10. Pressure-sensitive adhesive tape. |
| 3. Steel-toe safety shoes. | 11. Surveillance workshop equipment. |
| 4. Explosive handler's coveralls. | 12. Fire symbols. |
| 5. Leather or leather-palm gloves. | 13. Fire fighting equipment. |
| 6. Hammer. | 14. Ballpoint pen. |
| 7. Crowbar. | 15. Paper. |
| 8. Lead wire seals. | |

TASK 093-55X-3355 (Continued)

STANDARDS

Do performance measures right IAW DOD Reg 5154.4S, AR 700-22, AR 725-50, FM 9-38, TM 38-750, TM 743-200-1, SB 742-1, appropriate SB for item being inspected, MIL-STD 129F, ammunition drawings and SOP. Other references may be used IAW para 2-2b, SB 742-1. When you use drawings and specifications in making your inspection, be sure they are the same as listed on the Ammunition Data Card. Follow all safety rules.

PERFORMANCE MEASURES

1. Select samples from storage (para 2-2, 2-21 and/or 2-22, SB 742-1, and SOP).
2. Inspect other outer packs at storage location as needed (para 2-21 and/or 2-22, SB 742-1, and SOP).
3. Record results of inspection of outer pack on ASIR (SOP).
4. Transfer samples to surveillance workshop (SOP).
5. Post fire symbols (chap 11, DOD Reg 5154.4S).
6. Inspect outer pack including DOT nomenclature and other markings (SB for item, ammunition drawings and SOP).
7. Record inspection results and classify defects noted during outer pack inspection on the ASIR (para 2-4, SB 742-1, and SOP).
8. Open container and take out contents (SOP).
9. Inspect inner pack (SB for item, ammunition drawings and SOP).
10. Record inspection results and classify defects noted during inner pack inspection on the ASIR (para 2-4, SB 742-1, and SOP).
11. Inspect items (SB for item, ammunition drawings and SOP).
12. Record inspection results and classify defects noted during item inspection on the ASIR (para 2-4, SB 742-1, and SOP).
13. Repackage items (ammunition drawings and SOP).
14. Identify boxes as surveillance samples (para 2-2c, SB 742-1, and SOP).
15. Complete ASIR (chap 4, AR 700-22; app AB, AR 725-50, and SOP).
16. Make out an ammunition condition code (ACC) status change using DA Form 3151-R or DA Form 4508 (para 3-16, FM 9-38, or para 5.2.4.5.4, TM 743-200-1).
17. Make out enough materiel tags or labels for lot to put on each stack (para 5.4.16.2 or 5.4.16.3, MIL-STD 129F).
18. Make out ammunition condition report (ACR) for lot number (para 5-8, TM 38-750).
19. Get document numbers for ACC status change, materiel tags or labels and ACR.
20. Post document numbers to the right documents. All document numbers will be posted to ASIR.
21. Make sure all reports and forms are complete and accurate.
22. Send reports and DSR card to administrative branch.

TASK 093-55X-3355 (Continued)

REFERENCES

DOD Reg 5154.4S; AR 700-22, AR 725-50; FM 9-38; TM 9-1370-203-12, TM 38-750, TM 743-200-1; SB 742-1, SB 3-1370-3, SB 742-1370-3, SB 742-1370-4, SB 742-1370-5, SB 742-1370-6, SB 742-1370-7, SB 742-1370-8, SB 742-1370-9, SB 742-1370-10, SB 742-1370-11, SB 742-1370-12, SB 742-1370-13, SB 742-1370-14, SB 742-1370-15, SB 742-1370-16, SB 742-1370-17, SB 742-1370-22, SB 742-1370-27, SB 742-1370-28, SB 742-1370-29, SB 742-1370-30, SB 742-1370-31, SB 742-1370-33, SB 742-1370-37, SB 742-1370-54, SB 742-1370-94-418, SB 742-1370-94-419, SB 742-1370-94-442, SB 742-1370-94-453; MIL-STD 129F; ammunition drawings; SOP and related technical publications.

TASK 093-55X-3356

PERFORM INITIAL RECEIPT INSPECTION OF DEMOLITION MATERIELS

CONDITIONS

You are an ammunition inspector in a surveillance section, and you have been told to make an initial receipt inspection of a lot number of demolition materiel. Do the task in the surveillance workshop or the ammunition storage area in good weather. The lot will need an initial receipt inspection for visible damage when it comes from the vendor. You'll have:

FORMS

1. DD Form 250 (Materiel Inspection and Receiving Report).
2. DD Form 1577 (Unserviceable Condemned Tag-Materiel) or DD Form 1577-1 (Unserviceable Condemned Label-Materiel).
3. DA Form 2415 (Ammunition Condition Report).
4. DA Form 3022-R [Army Depot Surveillance Record (DSR)].
5. DA Form 3151-R (Ammunition Stores Slip) or DD Form 4508 (Ammunition Transfer Record).
6. SF Form 361 (Discrepancy in Shipment Report).
7. Ammunition surveillance inspection report (ASIR).

PUBLICATIONS

1. DOD Reg 5154.4S.
2. AR 700-22.
3. AR 725-50.
4. FM 9-38.
5. TM 38-750.
6. TM 743-200-1.
7. SB 742-1.
8. SB 742-1375-23.
9. MIL-STD 129F.
10. Ammunition drawings.
11. SOP.

EQUIPMENT

1. Strapping and sealing equipment.
2. Face shield or safety goggles.
3. Steel-toe safety shoes.
4. Explosive handler's coveralls.
5. Leather or leather-palm gloves.
6. Hammer.
7. Crowbar.
8. Lead wire seals.
9. Lead wire sealer.
10. Pressure-sensitive adhesive tape.
11. Surveillance workshop equipment.
12. Fire symbols.
13. Fire fighting equipment.
14. Ballpoint pen.
15. Paper.

TASK 093-55X-3356 (Continued)

STANDARDS

Do performance measures right IAW DOD Reg 5154.4S, AR 700-22, AR 725-50, FM 9-38, TM 38-750, TM 743-200-1, TB 43-0195, SB 742-1, SB 742-1375-23, MIL-STD 129F, ammunition drawings and SOP. Other references may be used IAW para 2-2b, SB 742-1. When you use drawings and specifications, be sure they are the same as listed on the Ammunition Data Card. Follow all safety rules.

PERFORMANCE MEASURES

1. Select samples (para 2-2, 2-21, and/or 2-22, SB 742-1).
2. Inspect outer pack including DOT nomenclature and other markings (para 2-21 and/or 2-22, SB 742-1).
3. List results of inspection of outer pack on ASIR (SOP).
4. Transfer samples to surveillance workshop if necessary.
5. Post fire symbols as necessary (chap 11, DOD Reg 5154.4S).
6. Inspect outer packs to include DOT nomenclature and other markings (SB for item, ammunition drawings and SOP).
7. Record inspection results and classify defects noted during outer pack inspection on the ASIR (para 2-4, SB 742-1, and SOP).
8. Open container and remove contents.
9. Inspect inner pack if necessary (ammunition drawings).
10. Record results of inner pack inspection on ASIR if necessary (SOP).
11. Inspect items as necessary (appropriate SB and ammunition drawings).
12. Record results of inspection of items on ASIR if necessary (SOP).
13. Repackage items as necessary (applicable ammunition drawing).
14. Identify boxes as surveillance samples if necessary (para 2-2c, SB 742-1).
15. Complete ASIR (chap 4, AR 700-22, app AB, AR 725-50, and SOP).
16. Prepare an ammunition condition code (ACC) status change using DA Form 3151-R or DA Form 4508 (para 3-16, FM 9-38; or para 5.3.4.5.4, TM 743-200-1,
17. Prepare enough materiel tags or labels for lot to put on each stack (para 5.4.16.2 or 5.4.16.3, MIL-STD 129F) if necessary.
18. Prepare ammunition condition report (ACR) for lot as necessary (para 5-8, TM 38-750).
19. Obtain document numbers for ACC status change, materiel tags or labels, and ammunition condition as necessary.
20. Post documents numbers to applicable documents. All document numbers will be posted to ASIR (SOP).
21. Make sure all forms and reports are complete and accurate.
22. Submit reports and DSR card to administrative branch.

TASK 093-55X-3356 (Continued)

REFERENCES

DOD Reg 5154.4S; AR 700-22, AR 725-50; FM 9-38; TM 9-1375-213-12, TM 38-750, TM 743-200-1; TB 43-0195; SB 742-1, SB 742-1375-23; MIL-STD 129F; ammunition drawings and SOP.

TASK 093-55X-3357

PERFORM RECEIPT INSPECTION OF DEMOLITION MATERIELS

CONDITIONS

You are an ammunition inspector in the surveillance section and must make a receipt inspection of a lot of demolition materiel. A receipt inspection is required:

(1) When materiel comes from another storage activity and the DA Form 3022-R [Army Depot Surveillance Record (DSR)] shows that an inspection was made on the lot of ammunition within the proper time interval. Your inspection will be on a sampling basis for damage in transit only. If there is damage, the lot will be sampled, and you will look for damage in transit, deterioration and nonstandard conditions.

(2) When materiel comes from another storage activity with no DSR card. Your inspection will be on a sampling basis for damage in transit, deterioration and nonstandard conditions. More samples may be needed to find out the serviceability of the lot.

(3) When you get field returns. Besides a 100% inspection of materiel in unsealed containers, inspect materiel in sealed containers on a sampling basis for damage in transit, deterioration and nonstandard conditions.

Do this task in the surveillance workshop or other inspection area. You'll have:

FORMS

1. DD Form 1577 (Unserviceable Condemned Tag-Materiel) or DD Form 1577-1 (Unserviceable Condemned Label-Materiel).
2. DA Form 2415 (Ammunition Condition Report).
3. DA Form 3022-R [Army Depot Surveillance Record (DSR)].
4. DA Form 3151-R (Ammunition Stores Slip) or DA Form 4508 (Ammunition Transfer Record).
5. Ammunition surveillance inspection report (ASIR).

PUBLICATIONS

1. DOD Reg 5154.4S.
2. AR 700-22.
3. AR 725-50.
4. FM 9-38.
5. TM 38-750.
6. TM 743-200-1.
7. SB 742-1.
8. SB 742-1375-23.
9. MIL-STD 129F.
10. Ammunition drawings.
11. SOP.

TASK 093-55X-3357 (Continued)

EQUIPMENT

1. Strapping and sealing equipment.
2. Face shield or safety goggles.
3. Steel-toe safety shoes.
4. Explosive handler's coveralls.
5. Leather or leather-palm gloves.
6. Hammer.
7. Crowbar.
8. Lead wire seals.
9. Lead wire sealer.
10. Pressure-sensitive adhesive tape.
11. Surveillance workshop equipment.
12. Fire symbols and/or chemical hazard markers.
13. Fire fighting equipment.
14. Ballpoint pen.
15. Paper.

STANDARDS

Do performance measures right IAW DOD Reg 5154.4S, AR 700-22, AR 725-50, FM 9-38, TM 38-750, TM 743-200-1, SB 742-1, SB 742-1375-23, MIL-STD 129F, ammunitions drawings and SOP. Other references may be used IAW para 2-2b, SB 742-1. When you use drawings and specifications in making your inspection, be sure they are the same as listed on the Ammunition Data Card. Follow all safety rules.

PERFORMANCE MEASURES

1. Select samples from storage (para 2-2, 2-21, and/or 2-22, SB 742-1, and SOP).
2. Inspect other outer packs at storage location if required (para 2-21 and/or 2-22 and SOP).
3. Record results of inspection of outer pack on ASIR (SOP).
4. Transfer samples to surveillance workshop (SOP).
5. Post fire symbols (chap 11, DOD Reg 5154.4S).
6. Inspect outer packs to include DOT nomenclature and other markings (SB for item, ammunition drawings and SOP).
7. Record inspection results and classify defects noted during outer pack inspection on the ASIR (para 2-4, SB 742-1, and SOP).
8. Open and take out contents from container (SOP).
9. Inspect inner pack (SB for item, ammunition drawings and SOP).
10. Record inspection results and classify defects noted during inner pack inspection on the ASIR (para 2-4, SB 742-1, and SOP).
11. Inspect items as necessary (SB 742-1375-23, ammunition drawings and SOP).
12. Record inspection results and classify defects noted during item inspection on the ASIR (para 2-4, SB 742-1, and SOP).
13. Repackage items as necessary (ammunition drawings and SOP).
14. Identify boxes as surveillance samples if necessary (para 2-2c, SB 742-1).
15. Complete ASIR (chap 4, AR 700-22; app AB, AR 725-50, and SOP).

TASK 093-55X-3357 (Continued)

16. Make out an ammunition condition code (ACC) status change using DA Form 3151-R or DA Form 4508 (para 3-16, FM 9-38, or para 5.2.4.5.4, TM 743-200-1).
17. Fill out enough materiel tags or labels for lot to put on each stack (para 5.4.16.2 or 5.4.16.3, MIL-STD 129F).
18. Make out ammunition condition report (ACR) for lot number (para 5-8, TM 38-750).
19. Get document numbers for ACC status change, materiel tags or labels, and ACR.
20. Post document numbers to the right document. All document numbers will be posted to ASIR.
21. Make sure all reports and forms are complete and accurate.
22. Send reports and DSR card to administrative branch.

REFERENCES

DOD Reg 5154.4S; AR 700-22, AR 725-50; FM 9-38; TM 9-1375-213-12, TM 38-750, TM 743-200-1; TB 43-0195; SB 742-1, SB 742-1375-23; MIL-STD 129F; ammunition drawings; SOP and related technical publications.

TASK 093-55X-3358

PERFORM PERIODIC INSPECTION OF DEMOLITION MATERIELS

CONDITIONS

You are an ammunition inspector and your inspection forecast shows a periodic inspection is due on a lot number of demolition materiel. Do the inspection at the surveillance workshop or other inspection area. You'll have:

FORMS	PUBLICATIONS
1. DD Form 1577 (Unserviceable Condemned Tag-Materiel) or DD Form 1577-1 (Unserviceable Condemned Label-Materiel).	1. DOD Reg 5154.4S.
2. DD Form 1577-2 (Unserviceable Reparable Tag-Materiel) or DD Form 1577-3 (Unserviceable Reparable Label-Materiel).	2. AR 700-22.
3. DA Form 2415 (Ammunition Condition Report).	3. AR 725-50.
4. DA Form 3022-R [Army Depot Surveillance Record (DSR)].	4. FM 9-38.
5. DA Form 3151-R (Ammunition Stores Slip) or DA Form 4508 (Ammunition Transfer Record).	5. TM 38-750.
6. Ammunition surveillance inspection report (ASIR).	6. TM 743-200-1.
	7. SB 742-1.
	8. SB 742-1375-23.
	9. MIL-STD 129F.
	10. Ammunition drawings.
	11. SOP.
	12. Related technical publications.

EQUIPMENT

1. Strapping and sealing kit.	10. Pressure-sensitive adhesive tape.
2. Face shield or safety goggles.	11. Surveillance workshop equipment.
3. Steel-toe safety shoes.	12. Fire symbols.
4. Explosive handler's coveralls.	13. Fire fighting equipment.
5. Leather or leather-palm gloves.	14. Ballpoint pen.
6. Hammer.	15. Clipboard.
7. Crowbar.	16. Paper.
8. Lead wire seals.	
9. Lead wire sealer.	

TASK 093-55X-3358 (Continued)

STANDARDS

Do performance measures right IAW DOD Reg 5154.4S, AR 700-22, AR 725-50, FM 9-38, TM 38-750, TM 743-200-1, TB 43-0195, SB 742-1, SB 742-1375-23, MIL-STD 129F, ammunition drawings and SOP. Other references may be used IAW para 2-2b, SB 742-1. When you use drawings and specifications in making your inspection, be sure they are the same as listed on the Ammunition Data Card. Follow all safety rules.

PERFORMANCE MEASURES

1. Select samples from storage, (para 2-2, 2-21 and/or 2-22, SB 742-1).
2. Inspect other outer packs at storage location as required (para 2-21 and/or 2-22, SB 742-1, and SOP).
3. Record results of inspection of outer pack on ASIR (SOP).
4. Transfer samples to surveillance workshop (SOP).
5. Post fire symbols (chap 11, DOD Reg 5154.4S).
6. Inspect outer packs including DOT nomenclature and other markings (SB for item, ammunition drawings and SOP).
7. Record inspection results and classify defects noted during outer pack inspection on the ASIR (para 2-4, SB 742-1, and SOP).
8. Open container and take out contents (SOP).
9. Inspect inner pack, (SB for item, ammunition drawings and SOP).
10. Record inspection results and classify defects noted during inner pack inspection on the ASIR (para 2-4, SB 742-1, and SOP).
11. Inspect items (SB for item, ammunition drawings and SOP).
12. Record inspection results and classify defects noted during item inspection on the ASIR (para 2-4, SB 742-1, and SOP).
13. Repackage items (ammunition drawings and SOP).
14. Identify boxes as surveillance samples (para 2-2c, SB 742-1, and SOP).
15. Complete ASIR (chap 4, AR 700-22; app AB, AR 725-50, and SOP).
16. Make out an ammunition condition code (ACC) status change, using DA Form 3151-R or DA Form 4508, (para 3-16, FM 9-38, or para 5.2.4.5.4, TM 743-200-1).
17. Fill out enough materiel tags or labels for lot to put on each stack (para 5.4.16.2 or 5.4.16.3, MIL-STD 129F).
18. Make out ammunition condition report (ACR) for lot (para 5-8, TM 38-750).
19. Get document numbers for ACC status change, materiel tags or labels, and ACR.
20. Post document numbers to the right document. All document numbers will be posted to ASIR (SOP).
21. Make sure all reports and forms are complete and accurate.
22. Send reports and DSR card to administrative branch.

TASK 093-55X-3358 (Continued)

REFERENCES

DOD Reg 5154.4S; AR 700-22, AR 725-50; FM 9-38; TM 38-750, TM 9-743-200-1; TB 43-0195; SB 742-1, SB 742-1375-23; MIL-STD 129F; ammunition drawings; SOP and related technical publications.

TASK 093-55X-3359

PERFORM SPECIAL INSPECTION OF DEMOLITION MATERIELS

CONDITIONS

You are an ammunition inspector and have been told to make a special inspection of a lot of demolition materiel. Make the inspection at the surveillance workshop or other inspection area. You'll have:

FORMS

1. DD Form 1577 (Unserviceable Condemned Tag-Materiel) or DD Form 1577-1 (Unserviceable Condemned Label-Materiel).
2. DD Form 1577-2 (Unserviceable Reparable Tag-Materiel) or DD Form 1577-3 (Unserviceable Reparable Label-Materiel).
3. DA Form 2415 (Ammunition Condition Report).
4. DA Form 3022-R [Army Depot Surveillance Record (DSR)].
5. DA Form 3151-R (Ammunition Stores Slip) or DA Form 4508 (Ammunition Transfer Record).
6. Ammunition surveillance inspection report (ASIR).

PUBLICATIONS

1. DOD Reg 5154.4S.
2. AR 700-22.
3. AR 725-50.
4. FM 9-38.
5. TM 38-750.
6. TM 743-200-1.
7. SB 742-1.
8. SB 742-1375-23.
9. MIL-STD 129F.
10. Ammunition drawings.
11. SOP.

EQUIPMENT

1. Strapping and sealing equipment.
2. Face shield or safety goggles.
3. Steel-toe safety shoes.
4. Explosive handler's coveralls.
5. Leather or leather-palm gloves.
6. Hammer.
7. Crowbar.
8. Lead wire seals.
9. Lead wire sealer.
10. Pressure-sensitive adhesive tape.
11. Surveillance workshop equipment.
12. Fire symbol.
13. Fire fighting equipment.
14. Ballpoint pen.
15. Paper.

STANDARDS

Do performance measures right IAW DOD Reg 5154.4S, AR 700-22, AR 725-50, FM 9-38, TM 38-750, TM 743-200-1, SB 742-1, SB 742-1375-23, MIL-STD 129F, ammunition drawings and SOP. Other references may be used IAW para 2-2b, SB 742-1. When you use drawings and specifications in making your inspection, be sure they are the same as listed on the Ammunition Data Card. Follow all safety rules.

TASK 093-55X-3359 (Continued)

PERFORMANCE MEASURES

1. Select samples from storage (para 2-2, 2-21 and/or 2-22, SB 742-1, and SOP).
2. Inspect other outer packs at storage location as required (para 2-21 and/or 2-22, SB 742-1, and SOP).
3. Record results of inspection of outer pack on the ASIR (SOP).
4. Transfer samples to surveillance workshop (SOP).
5. Post fire symbols (chap 11, DOD Reg 5154.4S).
6. Inspect outer packs including DOT nomenclature and other markings (SB for item, ammunition drawings and SOP).
7. Record inspection results and classify defects noted during outer pack inspection on the ASIR (para 2-4, SB 742-1, and SOP).
8. Open container and take out contents (SOP).
9. Inspect inner pack (SB for item, ammunition drawings and SOP).
10. Record inspection results and classify defects noted during inner pack inspection on the ASIR (para 2-4, SB 742-1, and SOP).
11. Inspect items (SB for item, ammunition drawings and SOP).
12. Record inspection results and classify defects noted during item inspection on the ASIR (para 2-4, SB 742-1, and SOP).
13. Repackage items (ammunition drawings and SOP).
14. Identify boxes as surveillance samples (para 2-2c, SB 742-1, and SOP).
15. Complete ASIR (chap 4, AR 700-22; app AB, AR 725-50, and SOP).
16. Make out an ammunition condition code (ACC) status change, using DA Form 3151-R or DA Form 4508 (para 3-16, FM 9-38, or para 5.2.4.5.4, TM 743-200-1).
17. Make out enough materiel tags or labels for lot to put on each stack (para 5.4.16.2 or 5.4.16.3, MIL-STD 129F).
18. Make out an ammunition condition report for lot, if necessary (para 5-8, TM 38-750).
19. Get document numbers for ACC status change, materiel tags or labels, and ACR.
20. Post document numbers to the right document. All document numbers will be posted to ASIR (SOP).
21. Make sure reports and forms are complete and accurate.
22. Send reports and DSR card to administrative branch.

REFERENCES

DOD Reg 5154.4S; AR 700-22, AR 725-50; FM 9-38; TM 9-1375-213-12, TM 38-750, TM 743-200-1; TB 43-0195; SB 742-1, SB 742-1375-23; MIL-STD 129F; ammunition drawings; SOP and related technical publications.

TASK 093-55X-3360

PERFORM PRE-ISSUE INSPECTION OF DEMOLITION MATERIELS

CONDITIONS

You are an ammunition inspector and have been told to make a pre-issue inspection on a lot number of demolition materiel. Do the inspection at the surveillance workshop or other inspection area. You'll have:

FORMS

1. DD Form 1577 (Unserviceable Condemned Tag-Materiel) or DD Form 1577-1 (Unserviceable Condemned Label-Materiel).
2. DD Form 1577-2 (Unserviceable Reparable Tag-Materiel) or DD Form 1577-3 (Unserviceable Reparable Label-Materiel).
3. DA Form 2415 (Ammunition Condition Report).
4. DA Form 3022-R (Army Depot Surveillance Record).
5. DA Form 3151-R (Ammunition Stores Slip) or DA Form 4508 (Ammunition Transfer Record).
6. Ammunition surveillance inspection report (ASIR).

PUBLICATIONS

1. DOD Reg 5154.4S.
2. AR 700-22.
3. AR 725-50.
4. FM 9-38.
5. TM 38-750.
6. TM 743-200-1.
7. SB 742-1.
8. SB 742-1375-23.
9. MIL-STD 129F.
10. Ammunition drawings.
11. SOP.
12. Related technical publications.

EQUIPMENT

1. Strapping and sealing equipment
2. Face shield or safety goggles.
3. Steel-toe safety shoes.
4. Explosive handler's coveralls.
5. Leather or leather-palm gloves.
6. Hammer.
7. Crowbar.
8. Lead wire seals.
9. Lead wire sealer.

10. Pressure-sensitive adhesive tape.
11. Surveillance workshop equipment.
12. Fire symbols.
13. Fire fighting equipment.
14. Ballpoint pen.
15. Paper.

TASK 093-55X-3360 (Continued)

STANDARDS

Do performance measures right IAW DOD Reg 5154.4S, AR 700-22, AR 725-50, FM 9-38, TM 9-1375-213-12, TM 38-750, TM 743-200-1, TB 43-0195, SB 742-1, SB 742-1375-23, MIL-STD 129F, ammunition drawings and SOP. Other references may be used IAW para 2-2b, SB 742-1. When you use drawings and specifications in making your inspection, be sure they are the same as listed on the Ammunition Data Card. Follow all safety rules.

PERFORMANCE MEASURES

1. Select samples from storage (para 2-2, 2-21, and/or 2-22, SB 742-1, and SOP).
2. Inspect other outer packs at storage location as needed (para 2-21 and/or 2-22, SB 742-1, and SOP).
3. Record results of inspection of outer pack on ASIR (SOP).
4. Transfer samples to surveillance workshop (SOP).
5. Post fire symbols (chap 11, TM 743-200-1).
6. Inspect outer pack including DOT nomenclature and other markings (SB for item, ammunition drawings and SOP).
7. Record inspection results and classify defects noted during outer pack inspection on the ASIR (para 2-4, SB 742-1, and SOP).
8. Open container and take out contents (SOP).
9. Inspect inner pack (SB for item, ammunition drawings and SOP).
10. Record inspection results and classify defects noted during inner pack inspection on the ASIR (para 2-4, SB 742-1, and SOP).
11. Inspect items (SB for item, ammunition drawings and SOP).
12. Record inspection results and classify defects noted during item inspection on the ASIR (para 2-4, SB 742-1, and SOP).
13. Repackage items (ammunition drawings and SOP).
14. Identify boxes as surveillance samples (para 2-2c, SB 742-1).
15. Evaluate inspection results and recommend the right ACC (app AB, AR 725-50).
16. Complete ASIR (chap 4, AR 700-22, and SOP).
17. Make out an ammunition condition code (ACC) status change using DA Form 3151-R or DA Form 4508 (para 3-16, FM 9-38, or para 5.2.4.5.4, TM 743-200-1).
18. Fill out enough materiel tags or labels for lot to put on each stack (para 5.4.16.2 or 5.4.16.3, MIL-STD 129F).
19. Make out ammunition condition report (ACR) for lot number (para 5-8, TM 38-750).
20. Get document numbers for ACC status change, materiel tags or labels, and ACR.
21. Post document numbers to the right document. All document numbers will be posted to ASIR (SOP).
22. Make sure all reports and forms complete and accurate.
23. Send reports and DSR card to administrative branch.

TASK 093-55X-3360 (Continued)

REFERENCES

DOD Reg 5154.4S; AR 700-22, AR 725-50; FM 9-38; TM 38-750, TM 743-200-1, TM 743-200-1; TB 43-0195; SB 742-1, SB 742-1375-23; MIL-STD 129F; ammunition drawings; SOP and related technical publications.

TASK 093-55X-3361

PERFORM UNIT BASIC LOAD INSPECTION OF CLASS V MATERIEL

CONDITIONS

You are an ammunition inspector in a surveillance section. You have been told to inspect a supported unit's basic load of Class V materiel. Do this task at basic load storage sites. You'll have DOD Reg 5154.4S, AR 190-11, AR 710-2, TM 9-1300-206, SB 742-1 and the SOP to use.

EQUIPMENT

Strapping and sealing equipment, clipboard, pen, paper, and safety equipment.

STANDARDS

Do PM's right IAW DOD Reg 5154.4S, AR 190-11, AR 710-2, FM 9-38, TM 9-1300-206, SB 742-1 and SOP. Follow all safety rules for item being inspected.

PERFORMANCE MEASURES

1. Check property book for amount of ammunition authorized and on hand.
2. Inspect storage site for compliance with safety and security regulations, (para 3-1 and 3-2, AR 190-11; para 5-2 thru 5-17, TM 9-1300-206).
3. Decide if the type of storage is okay for the ammunition (chap 4, TM 9-1300-206; SOP).
4. Make sure correct fire symbols and/or chemical hazard markers are posted (chap 11, DOD Reg 5154.4S).
5. Determine serviceability of items (proper SB and suspension/restriction file).
6. Record findings on the ammunition surveillance inspection report.
7. Tell commander of conditions and actions needed to correct deficiencies.
8. Make out basic load inspection report.
9. Give basic load inspection report to supervisor for approval and routing.

REFERENCES

DOD Reg 5154.4S; AR 190-11, AR 710-2; FM 9-38; TM 9-1300-206 and SB 3 and SB 742 series.

TASK 093-55X-3362
INSPECT SALVAGE MATERIAL

CONDITIONS

You are an ammunition inspector in a surveillance section, and your supervisor has told you to inspect salvage material being prepared for shipment. Do this inspection in good weather in the inert salvage area of the ASP. You'll have FM 9-38 and SOP to use.

EQUIPMENT

Clipboard, paper and pen.

STANDARDS

Do PM's right IAW FM 9-38, TM 9-1300-206, SB 742-1, AMCR 385-100, and SOP. Follow all safety rules for item being inspected.

PERFORMANCE MEASURES

1. Make a visual inspection of small arms brass for explosive material (para 5-16, FM 9-38).
2. Make a visual inspection of artillery brass/steel cartridge cases for explosive material (para 5-16, FM 9-38).
3. Make a visual inspection of wood/metal ammunition containers for explosive material (para 5-16, FM 9-38).
4. Certify salvage as free of dangerous material (SOP).
5. Give all required documents to senior ammunition inspector.

REFERENCES

FM 9-38; TM 9-1300-206; SB 742-1; AMCR 385-100 and SOP.

TASK 093-55X-3363
PERFORM MALFUNCTION INVESTIGATION

CONDITIONS

You are an ammunition inspector in a surveillance section, and you have been told to do a malfunction investigation. Do this task at the location of the malfunction. You'll have a weapons technical representative at the malfunction site if necessary. You'll have AR 75-1, DA Form 4379 (Preliminary Ammunition Malfunction Feeder Report) and DA Form 4379-1 (Detail Report).

EQUIPMENT

Clipboard, pencil and paper.

STANDARDS

Do performance measures right IAW AR 75-1. Follow all safety rules.

PERFORMANCE MEASURES

1. Make out a preliminary report if required (para 2-4 and app B).
2. Send preliminary report to the right headquarters.
3. Conduct malfunction investigation (chap 2).
4. Prepare detailed written report (para 2-6, app C and D).
5. Give report to supervisor.

REFERENCES

AR 75-1.

TASK 093-55X-3364

PREPARE AMMUNITION TEST SAMPLES FOR SHIPMENT

CONDITIONS

You are an ammunition inspector in a surveillance section, and you have been told to get ammunition test samples ready for shipment. The inventory control point (ICP) will give you the data you need. You'll have:

FORMS

- | | |
|---|----------------------------------|
| 1. DD Form 1650 (Ammunition Data Card). | 1. TM 9-1300-206. |
| 2. DA Form 984 (Munitions Surveillance Report). | 2. SB 742-1. |
| 3. DA Form 3022-R [Army Depot Surveillance Record (DSR)]. | 3. Ammunition drawings. |
| 4. Ammunition surveillance inspection report (ASIR). | 4. SOP. |
| | 5. Message authorizing shipment. |

PUBLICATIONS

- | | |
|-------------------------------|-------------------|
| 1. Strapping and sealing set. | 6. White paint. |
| 2. Stencil equipment. | 7. Paint brush. |
| 3. Lead seals. | 8. Ballpoint pen. |
| 4. Lead wire sealer. | 9. Clipboard. |
| 5. Packaging materiel. | 10. Paper. |

EQUIPMENT

- | | |
|-------------------------------|-------------------|
| 1. Strapping and sealing set. | 6. White paint. |
| 2. Stencil equipment. | 7. Paint brush. |
| 3. Lead seals. | 8. Ballpoint pen. |
| 4. Lead wire sealer. | 9. Clipboard. |
| 5. Packaging materiel. | 10. Paper. |

STANDARDS

Do performance measures IAW SB 742-1 and SOP. Follow all safety rules.

PERFORMANCE MEASURES

1. Select samples from storage and take them to surveillance workshop (para 2-6, SB 742-1).
2. Open and inspect samples for serviceability as necessary (para 2-6, SB 742-1).
3. Pack samples for shipment (para 2-6, SB 742-1).
4. Paint and mark containers for shipment (para 2-6, SB 742-1).
5. Complete part 1 of DA Form 984 (para 2-7d, SB 742-1).
6. Make out ASIR (SOP).
7. Give DA Form 984 to supervisor for approval.
8. Put items back in storage.

TASK 093-55X-3364 (Continued)

REFERENCES

SB 3 series, SB 742 series; TM 9-1300-206 and SOP.

TASK 093-55X-3365
PERFORM INSPECTION OF SHILLELAGH GM/CONTAINER

CONDITIONS

You are an ammunition inspector in a surveillance section, and you must make an inspection of a lot/homogenous group of Shillelagh GM and containers. Do this task in the surveillance workshop and munitions storage area. You'll have:

FORMS

1. DD Form 1577 Series (Unserviceable Materiel Tags or Labels).
2. DA Form 2415 (Ammunition Condition Report).
3. DA Form 3022-R [Army Depot Surveillance Record (DSR)].
4. DA Form 3151-R (Ammunition Stores Slip) or DA Form 4508 (Ammunition Transfer Record).
5. Ammunition surveillance inspection report (ASIR).

PUBLICATIONS

1. DOD Reg 5154.4S.
2. FM 9-38.
3. TM 9-1410-465-35.
4. TM 38-750.
5. TM 743-200-1.
6. SB 742-1.
7. SB 742-1410-92-004.
8. Ammunition drawings.
9. SOP about inspection of Shillelagh GM.

EQUIPMENT

1. Surveillance equipment.
2. Vehicle.
3. GM Test Set AN/TJM 1A.
4. Shillelagh GM and containers.
5. Lead wire seal.
6. Lead wire sealer.
7. Desiccant.
8. Clipboard.
9. Ballpoint pen.

STANDARDS

Do performance measures right IAW DOD Reg 5154.4S, AR 725-50, AR 735-15, FM 9-38, TM 9-1410-465-35, TM 38-750, TM 743-200-1; SB 742-1, SB 742-1410-92-004, MIL-STD 129F; ammunition drawings and SOP. Other references may be used IAW para 2-2b, SB 742-1. When you use drawings and specifications in making your inspection, be sure they are the same as listed on the Ammunition Data Card. Follow all safety rules.

TASK 093-55X-3365 (Continued)

PERFORMANCE MEASURES

1. Determine type of inspection to be made (para 3-1, TM 9-1410-465-35; sec VII, chap 2, SB 742-1, para 6, SB 742-1410-92-004 and SOP).
2. Select samples from storage (table 3-1, TM 9-1410-465-35, or table 1, SB 742-1410-92-004, and para 2-1 thru 2-4, SB 742-1).
3. Record description of samples including lot number, serial number, nomenclature, on the ASIR (SOP).
4. Transfer samples to inspection area (SOP).
5. Post fire symbols (chap 11, DOD Reg 5154.4S).
6. Inspect container (para 3-8, TM 9-1410-465-35; SB 742-1210-92-004; ammunition drawings and SOP).
7. Record inspection results and classify defects noted during outer pack inspection on the ASIR (para 2-30, SB 742-1, SB 742-1410-92-004 and SOP).
8. Open container and take out missile (SOP).
9. Inspect missile (para 3-10, TM 9-1410-465-35; SB 742-1410-92-004; ammunition drawings and SOP).
10. Record inspection results and classify defects noted during item inspection on the ASIR (para 2-30, SB 742-1, SB 742-1410-92-004 and SOP).
11. Perform GO/NO GO test of Shillelagh GM/container.
12. Repackage missile (para 3-11, TM 9-1410-465-35).
13. Record results of test on ASIR.
14. Evaluate inspection and test results and recommend the right ACC (app AB, AR 725-50, and para 9, SB 742-1410-92-004).
15. Complete ASIR (SOP).
16. Make out ammunition condition code (ACC) status change when serial numbers are recommended for an ACC change (para 3-16, FM 9-38, or para 5.2.4.5.4, TM 743-200-1).
17. Make out ammunition condition report (ACR) if required (para 5-8, TM 38-750).
18. Fill out enough unserviceable materiel tags or labels to put on each stack of the lot number if required (para 5.4.16.2 or 5.4.16.3, MIL-STD 129F).
19. Get document number for ACR, materiel tag(s) or label(s), and ASIR.
20. Post document numbers to the right forms and post all document numbers to ASIR (SOP).
21. Make sure all reports are complete and accurate.
22. Send reports and DSR card to surveillance office.

REFERENCES

DOD Reg 5154.4S; AR 725-50, AR 735-15; FM 9-38; TM 9-1410-465-35, TM 38-750; SB 742-1, SB 742-1410-92-004; MIL-STD 129F and SOP.

TASK 093-55X-3366

PERFORM OPERATIONAL CHECK OF SHILLELAGH GM TEST SET

CONDITIONS

You are an ammunition inspector, and you have been told to make an operational check (self test) of a Shillelagh GM test set. Do this task in surveillance workshop. You'll have TM 9-1410-465-35 and SOP.

EQUIPMENT

Missile test set 10122245, missile checkout cable 10122328, filter to missile cable 10153792, and control unit power cable 10122458.

STANDARDS

Do performance measures right IAW TM 9-1410-465-35 and SOP. The test area must meet the minimum safety standards.

PERFORMANCE MEASURES

1. Set control unit to On; the Power On lamp should glow (table 3-2, TM 9-1410-465-35).
2. Press to test each of the indicator lamps on control unit except Power On lamp; each lamp should glow (table 3-2, TM 9-1410-465-35).
3. Set the Self Test switch to the Start position and quickly release; Self Test lamp should glow. Within 15 seconds after starting the test, the GO or NO GO lamp should glow for about 30 seconds.

NOTE: Do not start another self test while GO or NO GO lamp is lit. The test ends when lamps go off (table 3-2, TM 9-1410-465-35).

4. Set the Power switch on control unit to Off. Power On lamp should go off (table 3-2, TM 9-1410-465-35).
5. Disconnect W9P1 from power source (table 3-2, TM 9-1410-465-35).

REFERENCES

TM 9-1410-465-35; AMCR 385-100 and SOP.

TASK 093-55X-3367

PERFORM GO/NO GO TEST OF SHILLELAGH GM

CONDITION

You are an ammunition inspector in a surveillance section. You have been told to make a GO/NO GO test of the Shillelagh GM. Do this task in one of two places: 1. In the surveillance workshop behind proper barricades with test stand mounted to a vertical support beam and bolted to floor. 2. Outside with the test stand in a trench on dunnage; place sand bags around the stand and the control unit. You'll have:

FORMS

1. DA Form 1577 series (Unserviceable Materiel Tag or Label).
2. DA Form 3022-R [Army Depot Surveillance Record (DSR)].
3. DA Form 3151-R (Ammunition Stores Slip) or DA Form 4508 (Ammunition Transfer Record).
4. Ammunition surveillance inspection report (ASIR).

PUBLICATIONS

1. TM 9-1410-465-35.
2. SB 742-1.
3. SB 742-1410-92-004.
4. SOP.

EQUIPMENT

1. Clipboard.
2. Pencil.
3. Paper.
4. GM test set AN/TJM-1A.
5. Shillelagh GM.
6. Missile checkout cable.
7. Filter to missile cable.
8. Control unit power cable.

STANDARDS

Do performance measures right IAW TM 9-1410-465-35, SB 742-1, SB 742-1410-92-004, AMC 385-100, MIL-STD 129F and SOP. Follow all safety rules.

PERFORMANCE MEASURES

1. Put missile in support tube (para 3-18, TM 9-1410-465-35).

WARNING: Make sure that the Power switch on the control unit is at Off before making any cable connections to the missile. Also make sure that the WOP1 connector on the power cable is not connected to the power source.

2. Connect the W1OP1 to missile cable and to missile body (para 3-19, TM 9-1410-465-35).

TASK 093-55X-3367 (Continued)

3. Unlatch the test hood and guide it over the missile aft cover until it seats firmly (para 3-19, TM 9-1410-465-35).
4. Connect the W9P1 connector to the power cable and to power source (para 3-19, TM 9-1410-465-35).
5. Set the Power switch to On (para 3-19, TM 9-1410-465-35).
6. Hold the missile test switch at Start and then release it (para 3-19, TM 9-1410-465-35).
7. Watch to see if the GO or NO GO lamp glows (para 3-19, TM 9-1410-465-35).
8. Record the test results of each GM by serial number on the ASIR . (para 3-19, TM 9-1410-465-35).

NOTE: Do performance measures 8 thru 14 if the NO GO lamp glows.

9. Do a test-set self test.
10. Repeat test-set self test if NO GO lamp glows and after turning off test set and checking all cable connectors.
11. Remove missile and stop test if second self test is a NO GO (para 3-19, TM 9-1410-465-35).
12. Set the control unit power switch to Off and disconnect connector W9P1 from power source if the GO lamp glowed for the test-set self test (para 3-19, TM 9-1410-465-35).
13. Move the test hood to the top or end of the test stand and latch it in place (para 3-19, TM 9-1410-465-35).
14. Get rid of all foreign material from the observation window on the missile aft cover.
15. Repeat GO/NO GO test of missile (para 3-19, TM 9-1410-465-35).
16. Turn the power switch of the control unit to Off and disconnect connector W9P1 if you get a NO GO.
17. Take missile from the support tube and replace missile shorting connector (para 3-19, TM 9-1410-465-35).
18. Put missile back in container (para 3-19, TM 9-1410-465-35).
19. Record test results on the ASIR for each serial number tested (para 3-19, TM 9-1410-465-35).
20. Fill out a materiel tag or label for each serial numbered item failing test and put it on each container (para 5.4.16.3, MIL-STD 129F).

REFERENCES

FM 9-38; TM 9-1410-465-35; SB 742-1, SB 742-1410-92-004; AMC 385-100; MIL-STD 129F and SOP.

TASK 093-55X-3368

PERFORM INSPECTION OF TOW GM/CONTAINERS

CONDITIONS

You are an ammunition inspector in the surveillance section and you must make an inspection of a lot number of TOW GM and containers. Do task in the surveillance workshop and/or munitions storage area in good weather. You'll have:

FORMS

1. DD Form 1577 Series
(Unserviceable Materiel Tags or Labels).
2. DA Form 2415 (Ammunition Condition Report).
3. DA Form 3022-R [Army Depot Surveillance Record (DSR)].
4. DA Form 3151-R (Ammunition Stores Slip) or DA Form 4508 (Ammunition Transfer Record).
5. Ammunition surveillance inspection report (ASIR).

PUBLICATIONS

1. DOD Reg 5154.4S.
2. FM 9-38.
3. TM 9-1410-470-34.
4. TM 9-1425-470-12.
5. TM 38-750.
6. TM 743-200-1.
7. SB 742-1.
8. SB 742-1410-92-005.
9. Ammunition drawings.
10. SOP.

EQUIPMENT

1. Surveillance workshop equipment.
2. Strapping and sealing kit.
3. Lead wire seals.
4. Lead wire sealer.
5. Strapping clips.
6. Protective clothing and equipment.
7. " Cargo vehicle.
8. TOW GM in containers.

STANDARDS

Do performance measures right IAW DOD Reg 5154.4S, AR 710-9, AR 725-50, FM 9-3 TM 9-1410-470-34, TM 9-1425-470-12, TM 38-750, TM 743-200-1, SB 742-1, SB 742-1410-92-005, MIL-STD 129F, ammunition drawings and SOP. Other references may be used IAW para 2-2b, SB 742-1. When you use drawings and specifications in making your inspection, be sure they are the same as listed on the Ammunition Data Card. Follow all safety rules.

TASK 093-55X-3368 (Continued)

PERFORMANCE MEASURES

1. Decide type of inspection to be made (sec VII, SB 742-1; para 6, SB 742-1410-92-005 and SOP).
2. Select samples from storage (para 2-20, SB 742-1, and table 2, SB 742-1410-92-005).
3. Record description of samples to include lot number and the serial numbers selected as samples on the ASIR.
4. Take samples to surveillance workshop.
5. Post fire symbol at inspection site (chap 11, DOD Reg 5154.4S).
6. Off-load and stack samples in workshop.
7. Inspect containers (para 9, SB 742-1410-92-005; ammunition drawings and SOP).
8. Record inspection results and classify defects noted during outer pack inspection on the ASIR (para 2-30, SB 742-1; SB 742-1410-92-005 and SOP).
9. Open container and take out missile (SOP).
10. Inspect inside of container and inner pack (SB 742-1410-92-005, ammunition drawings and SOP).
11. Record inspection results and classify the defects on the ASIR (SB 742-1410-92-005 and SOP).
12. Inspect missile (para 9, SB 742-1410-92-005; ammunition drawings and SOP).
13. Record inspection results and classify all defects on ASIR (para 9, SB 742-1410-92-005, and SOP).
14. Repackage missile after completing inspection (ammunition drawings and SOP).
15. Evaluate inspection results and recommend appropriate ACC (table 3 and table 4, SB 742-1410-92-005).
16. Make out ammunition condition code (ACC) status change if required (para 3-16, FM 9-38, or para 5.2.4.5.4, TM 743-200-1).
17. Make out ACR if lot number is recommended for an unserviceable ACC (para 5-8, TM 38-750).
18. Fill out the right materiel tag or label for placement on each stack of lot number in storage (para 5.4.16.3, MIL-STD 129F).
19. Get document number for ACR, materiel tags or labels, and ACC status change (SOP).
20. Post document number to the right forms and post all document numbers to ASIR.
21. Complete ASIR (SOP).
22. Make sure reports are complete and accurate.
23. Send reports and DSR card to surveillance office.

REFERENCES

DOD Reg 5154.4S; AR 710-9, AR 725-50; FM 9-38; TM 9-1410-470-34, TM 9-1425-470-12, TM 38-750, TM 743-200-1; SB 742-1, SB 742-1410-92-005; MIL-STD 129F; ammunition drawings and SOP.

TASK 093-55X-3369

PERFORM INSPECTION OF DRAGON GM/CONTAINERS

CONDITIONS

You are an ammunition inspector in a surveillance section, and you must make an inspection of a numbered lot of Dragon GM and containers. Do this task in the surveillance workshop or munitions storage area in good weather. You'll have:

FORMS

1. DD Form 1577 series (Unserviceable Materiel Tag or Label).
2. DA Form 2415 (Ammunition Condition Report).
3. DA Form 3022-R [Army Depot Surveillance Record (DSR)].
4. DA Form 3151-R (Ammunition Stores Slip) or DA Form 4508 (Ammunition Transfer Record).
5. Ammunition surveillance inspection report (ASIR).

PUBLICATIONS

1. DOD Reg 5154.4S.
2. AR 725-50.
3. FM 9-38.
4. TM 9-1410-480-34.
5. TM 38-750.
6. TM 743-200-1.
7. SB 742-1.
8. SB 742-1427-92-001.
9. MIL-STD 129F.
10. Ammunition drawings.
11. SOP for inspection of Dragon GM.

EQUIPMENT

1. Surveillance workshop equipment.
2. Repair parts listed in appendix C, section II, TM 9-1410-480-34.
3. Lead wire seals.
4. Cargo vehicle.
5. Dragon GM in containers.
6. Clipboard.
7. A ballpoint pen.

STANDARDS

Do performance measures right IAW DOD Reg 5154.4S, AR 710-9, AR 725-50, FM 9-38, TM 9-1410-480-34, TM 38-750, TM 743-200-1, SB 742-1, SB 742-1427-92-001, MIL-STD 129F. Other references may be used IAW para 2-2b, SB 742-1. When you use drawings and specifications in making your inspection, be sure they are the same as listed on the Ammunition Data Card. Follow all safety rules.

PERFORMANCE MEASURES

1. Decide which inspection must be made (para 3-3, TM 9-1410-480-34; chap 2, sec III, SB 742-1; para 6, SB 742-1427-92-001; and SOP).

TASK 093-55X-3369 (Continued)

2. Select samples from storage (table 3-2, TM 9-1410-480-34, or table 1, SB 742-1427-92-001; para 2-1 thru 2-4, SB 742-1, and SOP).
3. Record description of samples, to include lot number and the serial numbers, on the ASIR.
4. Take samples to surveillance workshop (SOP).
5. Post fire symbol (chap 11, DOD Reg 5154.4S).
6. Off-load and stack missiles in workshop (SOP).
7. Inspect containers, (table 3-1, TM 9-1410-480-34).
8. Record inspection results and classify defects noted during outer pack inspection on the ASIR (para 3-4, TM 9-1410-480-34; SB 742-1427-92-001 and SOP).
9. Open container and take out missile.
10. Inspect inside of container and inner pack (table 3-1, TM 9-1410-480-34; SB 742-1427-92-001; ammunition drawings and SOP).
11. Record inspection results and classify defects on the ASIR (TM 9-1410-480-24, SB 742-1427-92-001 and SOP).
12. Inspect missile, (table 3-1, TM 9-1410-480-34; SB 742-1427-92-001 and SOP).
13. Record inspection results and classify defects on the ASIR (para 3-4, TM 9-1410-480-34; SB 742-1427-92-001 and SOP).
14. Repackage missile, (table 3-1, TM 9-1410-480-34; ammunition drawing and SOP).
15. Evaluate inspection results and recommend the right ACC (table 3-2, TM 9-1410-480-34, and para AB 3, AR 725-50).
16. Make out ammunition condition code (ACC) status change when the ACC of the lot is changed because of the inspection.
17. Make out ammunition condition report (ACR) if lot is recommended for an unserviceable ACC, (para 5-8, TM 38-750).
18. Fill out enough unserviceable materiel tags or labels to put on each stack of the lot if required (para 5.4.16.3, MIL-STD 129F).
19. Get document numbers for ACR, materiel tags or labels, and ACC status change.
20. Post document numbers to the right forms, and post all document numbers to ASIR (SOP).
21. Complete ASIR (SOP).
22. Make sure all reports are complete and accurate.
23. Send reports and DSR card to surveillance office.

REFERENCES

DOD Reg 5154.4S; AR 710-9, AR 725-50; FM 9-38; TM 9-1410-480-34, TM 38-750, TM 743-200-1; SB 742-1, SB 742-1427-92-001; MIL-STD 129F and SOP.

TASK 093-55X-3370

PERFORM INSPECTION OF LANCE MISSILE MAIN ASSEMBLAGES/CONTAINERS

CONDITIONS

You are an ammunition inspector in the surveillance section of a special ammunition DS/GS unit. You must make an inspection of a lot number or a like group of Lance missile main assemblages (MMA) which are in containers. Do this task in the surveillance workshop or other suitable inspection area. You will have:

FORMS

1. DD Form 1577 series (Unserviceable Materiel Tags or Labels).
2. DD Form 3022-R [Army Depot Surveillance Record (DSR)].
3. DA Form 2415 (Ammunition Condition Report).
4. DA Form 3151-R (Ammunition Stores Slip) or DA Form 4508 (Ammunition Transfer Record).
5. Ammunition surveillance inspection report (ASIR).

PUBLICATIONS

1. DOD Reg 5154.4S.
2. FM 9-38.
3. TM 9-1410-485-34.
4. TM 9-4935-485-14.
5. TM 38-750.
6. TM 743-200-1.
7. SB 742-1.
8. SB 742-1410-92-006.
9. Ammunition drawings.
10. SOP.

EQUIPMENT

1. Surveillance workshop equipment.
2. Protective clothing and equipment as listed in table 5-3, TM 9-1410-485-34.
3. Propellant draining kit.
4. Cargo type vehicle.
5. Lance MMA and containers.

STANDARDS

Do performance measures (PM's) IAW DOD Reg 5154.4S, FM 9-38, TM 9-1410-485-34, TM 9-4935-485-14, TM 38-750, TM 743-200-1, SB 742-1, SB 742-1410-92-006, appropriate ammunition drawings and SOP. Other references may be used IAW para 2-2b, SB 742-1. When you use drawings and specifications in making your inspection, be sure they are the same listed on the Ammunition Data Card. Follow all safety rules.

PERFORMANCE MEASURES

- 1 - Decide type of inspection you'll make (sec VIII, SB 742-1; chap 4, TM 9-1410-485-34 and SOP).
- 2 - Select samples from storage (chap 4, TM 9-1410-485-34; para 2-1 thru 2-4, SB 742-1, and SOP).

TASK 093-55X-3370 (Continued)

3. Record description including lot number and serial number of items on the ASIR (SOP).
4. Take samples to surveillance workshop (SOP).
5. Post fire symbol (chap 11, DOD Reg 5154.4S).
6. Off-load samples at workshop (SOP).
7. Inspect containers (para 4-4, TM 9-1410-485-34; SB 742-1410-92-006; ammunition drawings and SOP).
8. Record inspection results and classify defects noted during outer pack inspection on the ASIR (para 4-7, TM 9-1410-485-35; SB 742-1410-92-006 and SOP).
9. Open container and take out MMA (SOP).
10. Inspect MMA (table 4-5, TM 9-1410-485-34; SB 742-1410-92-006; ammunition drawings and SOP).
11. Record inspection results and classify defects noted during missile inspection on the ASIR (table 4-5, TM 9-1410-485-34; SB 742-1410-92-006 and SOP).
12. Do electrical tests of MMA (para 6-10, TM 9-4935-485-14).
13. Record test results on the ASIR (SOP).
14. Repackage MMA after you complete inspection and test (ammunition drawings and SOP).
15. Evaluate inspection results and recommend appropriate ammunition condition code (ACC) (table 4-3 and table 4-4, TM 9-1410-485-34; para 8, SB 742-1410-92-006; app AB, AR 725-50, and SOP).
16. Make out an ACC status change for serial numbers recommended for an ACC change (para 3-16, FM 9-38, or para 5.2.4.5.4, TM 743-200-1).
17. Make out an ammunition condition report (ACR) for serial numbers rejected (para 5-8, TM 38-750).
18. Fill out the right materiel tags or labels if required (para 5.4.16.2 or 5.4.16.2, MIL-STD-129F).
19. Get document numbers for ACR, materiel tags or labels, and ACC status change (SOP).
20. Post document number to the right forms and post all documents to the ASIR (SOP).
21. Complete ASIR (SOP).
22. Make all reports complete and accurate.
23. Send reports and DSR card to surveillance office.

REFERENCES

DOD Reg 5154.4S; AR 710-9, AR 725-50; FM 9-38; TM 9-1410-485-34, TM 9-4935-485-14, TM 38-750, TM 743-200-1; SB 742-1, SB 742-1410-92-006; MIL-STD-129F; ammunition drawings and SOP.

ASK 093-55X-3371
PERFORM ELECTRICAL TEST OF LANCE MISSILE MAIN ASSEMBLAGE

CONDITIONS

You are an ammunition inspector in a special ammunition DS/GS unit. You have been told to make an electrical test on a Lance missile main assemblage (MMA). Make all electrical tests of the MMA in the surveillance workshop or other inspection area. You'll have the ammunition surveillance inspection report (ASIR), TM 9-1410-485-34, TM 9-4935-485-14, and SOP to use.

EQUIPMENT

GMSTS AN/TSM 84, shorting plugs and ballpoint pen.

STANDARDS

Do performance measures right IAW TM 9-4935-485-15 and SOP. Follow all safety rules IAW TM 9-1300-206 and AMCR 385-100.

PERFORMANCE MEASURES

1. Take off the container head assembly (para 6-10, TM 9-4935-485-14).
2. Do the guidance set test (para 6-10, TM 9-4935-485-14).
3. Do the engine electrical test (para 6-10, TM 9-4935-485-14).
4. Inspect the front drop indicator (para 6-10, TM 9-4935-485-14).
5. Inspect the MMA logbook (SOP).
6. Record each test result on the ASIR (SOP).

REFERENCES

TM 9-1300-206, TM 9-4935-485-14; AMCR 385-100, and SOP.

TASK 093-55X-3373

PERFORM INSPECTION OF PERSHING FIRST STAGE PROPULSION SECTIONS/CONTAINERS

CONDITIONS

You are an ammunition inspector in the surveillance section, and you must make an inspection of a lot number or a like group of M101 series propulsion sections for the Pershing GM. Do this task in the workshop or other inspection and/or test area during good weather. You'll have:

FORMS

1. DD Form 1577 series (Unserviceable Materiel Tags or Labels).
2. DA Form 2415 (Ammunition Condition Report).
3. DA Form 3022-R [Army Depot Surveillance Record (DSR)] for item being tested.
4. DA Form 3151-R (Ammunition Stores Slip) or DA Form 4508 (Ammunition Transfer Record).
5. Ammunition surveillance inspection report (ASIR).

PUBLICATIONS

1. DOD Reg 5154.4S.
2. AR 725-50.
3. FM 9-38.
4. TM 9-1410-375-35.
5. TM 9-1410-380-34-1.
6. TM 9-743-200-1.
7. TM 38-750.
8. SB 742-1.
9. SB 742-1337-92-010.
10. MIL-STD-129F.
11. Ammunition drawings.
12. SOP.

EQUIPMENT

1. Standard tools and equipment.
2. Special purpose tools and equipment listed in table 1-1, TM 9-1410-375-35.
3. Frequency meter (6625-342-4352) with accessories.
4. Approved safety light.
5. Lead wire seals.
6. Lead wire sealers.
7. Cleaning materials listed in table 1-3, TM 9-1410-375-35.

8. Desiccant.
9. M101 series propulsion sections with containers.
10. Cargo vehicle.
11. Clipboard.
12. Ballpoint pen.
13. Proper protective clothing.
14. Safety equipment.

STANDARDS

Do performance measures right IAW AR 725-50, FM 9-38, TM 9-1300-206, TM 9-1410-375-35, TM 9-1410-380-12, TM 38-750, TM 743-200-1, SB 742-1, SB 742-1337-92-101, and MIL-STD-129F. Follow all safety rules for inspection and testing.

TASK 093-55X-3373 (Continued)

PERFORMANCE MEASURES

1. Decide type of inspection to be made (sec VII, chap 2, SB 742-1; tables 2 and 3, SB 742-1337-92-01 and SOP).
2. Select samples from storage (para 2-30, SB 742-1, and SOP).
3. Record description on the ASIR to include lot number and serial number of items selected as samples (SOP).
4. Take samples to workshop (SOP).
5. Post fire symbol (chap 11, DOD Reg 5154.4S).
6. Off-load samples at the workshop (SOP).
7. Inspect outside of containers (table 6, SB 742-1337-92-010; ammunition drawings and SOP).
8. Take first stage propulsion section from containers and place in hold-down fixture or on the universal stand (sec III, chap 3, TM 9-1410-380-12).
9. Inspect inside of containers (table 6, SB 742-1337-92-010, and SOP).
10. Record inspection of containers and classify defects on the ASIR (table 6, SB 742-1337-92-010, and SOP).
11. Inspect motor case surface (TM 9-1410-380-12 and SOP).
12. Record inspection of the motor case and classify its defects on the ASIR (table 5, SB 742-1337-92-010, and SOP).
13. Inspect the propellant surface (para 3-8, TM 9-1410-375-35, and SOP).
14. Record and classify defects of propellant surface inspection on the ASIR (table 5, SB 742-1337-92-010, and SOP).
15. Take out and inspect rocket motor igniter (para 3-10, TM 9-1410-375-35, and SOP).
16. Record and classify defects of igniter inspection on the ASIR (table 5, SB 742-1337-92-010, and SOP).
17. Do sonic (TAP) and ultrasonic test of propulsion section to find propellant separation (para 3-9, TM 9-1410-375-35, and SOP).
18. Record test results on the ASIR.
19. Take out and inspect rocket motor initiators (para 3-11, TM 9-1410-375-35 and SOP).
20. Record and classify defects of the initiators on the ASIR (SOP).
21. Test rocket motor initiators (para 2-10, TM 9-1410-375-35, and SOP).
22. Record test results of initiators on the ASIR.
23. Put propulsion section back together (SOP).
24. Remove the explosive bolt cartridge from the receptacle in the aft end of the propulsion section container (SOP).
25. Inspect the explosive bolt cartridges (para 3-12, TM 9-1410-375-35, and SOP).
26. Record and classify defects of explosive bolt cartridges on the ASIR (table 6, SB 742-1337-92-010, and SOP).
27. Test the explosive bolt cartridges (para 2-10, TM 9-1410-375-35).
28. Record test results on the ASIR (SOP).
29. Put back propulsion section and the explosive bolt cartridge in the container (sec VI, chap 3, TM 9-1410-380-12, and SOP).

TASK 093-55X-3373 (Continued)

30. Evaluate inspection and test results, and accept or reject serial numbers (app AB, AR 725-50, and SOP).
31. Make out ammunition condition code (ACC) status change for serial numbers recommended for an ACC change (para 3-16, FM 9-38, or para 5.2.4.5.4, TM 743-200-1).
32. Make out an ammunition condition report (ACR) if a serial numbered item is recommended for an unserviceable ACC (para 5-8, TM 38-750).
33. Fill out the right materiel tags or labels for each serial numbered item rejected (para 5.4.16.2 or 5.4.16.3, MIL-STD-129F).
34. Get document numbers for ACR, materiel tags or labels, and ACC status change.
35. Post document numbers to the right forms, and post all document numbers to the ASIR.
36. Make sure all reports are complete and accurate.
37. Send reports and DSR card to surveillance office.
38. Send samples back to storage.

REFERENCES

DOD Reg 5154.4S; AR 710-9, AR 725-50; FM 9-38; TM 9-1410-375-35, TM 9-1410-380-12, TM 9-1410-380-34-1, TM 38-750, TM 743-200-1; SB 742-1, SB 742-1337-92-0101 MIL-STD-129F; ammunition drawings and SOP.

TASK 093-55X-3374

PERFORM INSPECTION OF PERSHING SECOND STAGE PROPULSION SECTIONS/CONTAINERS

CONDITIONS

You are an ammunition inspector in the surveillance section and must make an inspection of a lot number or a like group of M102 series propulsion sections and their containers. Do this task at the surveillance workshop or a inspection and/or test area in good weather. You'll have:

FORMS

1. DD Form 1577 series (Unserviceable Materiel Tag or Label).
2. DA Form 2415 (Ammunition Condition Report).
3. DA Form 3022-R [Army Depot Surveillance Record (DSR)].
4. DA Form 3151-R (Ammunition Stores Slip) or DA Form 4508 (Ammunition Transfer Record).
5. Ammunition surveillance inspection report (ASIR).

PUBLICATIONS

1. DOD Reg 5154.4S.
2. AR 725-50.
3. FM 9-38.
4. TM 9-1410-375-35.
5. TM 9-1410-38-72.
6. TM 9-1410-375-12.
7. TM 9-1410-380-12.
8. TM 9-1410-380-34-1.
9. TM 38-750.
10. TM 743-200-1.
11. SB 742-1.
12. SB 742-1337-92-009.
13. MIL-STD 129F.
14. Ammunition drawings.
15. SOP.

EQUIPMENT

1. Standard shop tools and equipment.
2. Special purpose tools and equipment listed in table 1-1, TM 9-1410-375-35.
3. Proper cleaning materials listed in table 1-3, TM 9-1410-375-35.
4. Samples of M102 series propulsion sections and containers.
5. Lead wire seals.
6. Lead wire sealer.
7. Grounding cables.
8. Frequency meter (6625-342-4352).
9. Igniter circuit tester (4925-00-712-0205).
10. Cargo vehicle.
11. Forklift.
12. Clipboard.
13. Ballpoint pen.
14. Micrometers.
15. Approved safety light.

TASK 093-55X-3374 (Continued)

STANDARDS.

Do performance measures right IAW DOD Reg 5154.4S, AR 725-50, FM 9-38, TM 9-1300-206, TM 9-1410-380-12, TM 9-1410-375-35, TM 743-200-1, TM 38-750, SB 742-1, SB 742-1337-92-009, MIL-STD 129F and SOP. Follow all safety rules during inspection and test of propulsion section and components.

PERFORMANCE MEASURES

1. Decide the type of inspection to be made (sec VII, chap 2, SB 742-1, and SOP).
2. Select samples from storage (para 2030, SB 742-1; para 6, SB 742-1337-92-009, and SOP).
3. Record description on ASIR to include lot number and the serial numbers of items selected as samples (SOP).
4. Take samples to surveillance workshop or other inspection and test area (SOP).
5. Post fire symbol, (chap 11, DOD Reg 5154.4S).
6. Off-load samples at workshop (SOP).
7. Inspect outside of container (TM 9-1410-380-12; sec III and V, chap 1, TM 9-1410-375-35, and SOP).
8. Take propulsion section from container and place on the universal stand or in hold-down fixture (para 3-10, TM 9-1410-380-12, and SOP).
9. Inspect inside of container (TM 9-1410-375-12; sec III and V, chap 1, TM 9-1410-375-35, and SOP).
10. Record and classify defects of container inspection on the ASIR (table 6, SB 742-1337-92-009, and SOP).

WARNING: The propulsion section must be electrically grounded for inspection and test.

11. Inspect rocket motor case surface (TM 9-1410-380-12, and SOP).
12. Record and classify defects of case surface on the ASIR (table 5, SB 742-1337-92-009, and SOP).
13. Take the desiccant container from the nozzle assembly (para 3-8, TM 9-1410-375-35, and SOP).
14. Inspect the propellant surface (para 3-8, TM 9-1410-375-35, and SOP).
15. Record and classify defects of propellant surface inspection on the ASIR (table 5, SB 742-1337-92-009, and SOP).
16. Do a sonic (TAP) and ultrasonic test of propulsion section to find propellant separation (para 4-7, TM 9-1410-375-35, and SOP).
17. Record test results on the ASIR (SOP).
18. Take out and inspect rocket motor igniter (para 4-8, TM 9-1410-375-35, and SOP).
19. Record and classify defects of igniters on the ASIR (table 5, SB 742-1337-92-009, and SOP).

TASK 093-55X-3374 (Continued)

20. Take out and inspect rocket motor initiators (para 4-9, TM 9-1410-375-35, and SOP).
21. Record and classify defects of initiators on the ASIR (table 5, SB 742-1337-92-009, and SOP).
22. Test rocket motor initiators (para 2-10, TM 9-1410-375-35, and SOP).
23. Record test results on the ASIR (SOP).
24. Take out and inspect the sector assemblies (para 4-10, TM 9-1410-375-35, and SOP).
25. Record and classify defects of the sector assemblies on the ASIR (SOP).
26. Test the sector assemblies (para 2-10, TM 9-1410-375-35, and SOP).
27. Record the test results on the ASIR (SOP).
28. Take detonators from the second-stage propulsion section (para 4-11, TM 9-1410-375-35, and SOP).
29. Inspect detonators (para 4-11, TM 9-1410-375-35, and SOP).
30. Record and classify defects of detonators on the ASIR (SOP).
31. Test detonators using the frequency meter (para 2-10, TM 9-1410-375-35, and SOP).
32. Record the results of the tests on the ASIR (SOP).
33. Reassemble components of the second stage propulsion section (SOP).
34. Take the shaped-charge retainer assemblies from their containers (para 4-11, TM 9-1410-375-35, and SOP).
35. Inspect shaped-charge retainer assemblies (para 4-11, TM 9-1410-375-35, and SOP).
36. Record and classify defects of shaped-charge retainer assemblies on the ASIR (SOP).
37. Put shaped/charge retainer assemblies in their containers.
38. Place propulsion section in container (sec VII, chap 3, TM 9-1410-380-12, and SOP).
39. Evaluate inspection and test results, and accept or reject serial numbers (app AB, AR 725-50, and SOP).
40. Make out an ammunition condition code (ACC) status change for serial numbered items recommended for an ACC change (para 3-16, FM 9-38, or para 5.2.4.5.4, TM 743-200-1).
41. Make out an ammunition condition report (ACR) if a serial numbered item is recommended for an unserviceable ACC (para 5-8, TM 38-750).
42. Fill out the right materiel tags or labels for each serial numbered item recommended for an unserviceable ACC (para 5.4.16.2 or 5.4.16.3, MIL-STD 129F).
43. Get document numbers for ACR, materiel tags or labels, and ACC status change.
44. Post document number to the right forms and post all document numbers to the ASIR.
45. Make sure all reports are complete and accurate.
46. Send reports and DSR card to the surveillance office.
47. Send samples back to storage.

TASK 093-55X-3374 (Continued)

REFERENCES

DOD Reg 5154.4S; AR 710-9, AR 725-50; FM 9-38; TM 9-380-34-1, TM 9-1410-38-72, TM 9-1410-375-12, TM 9-1410-375-35, TM 9-1410-380-12, TM 743-200-1, TM 38-750; SB 742-1, SB 742-1337-92-009; MIL-STD 129F; ammunition drawings and SOP.

TASK 093-55X-3376

PERFORM INSPECTION OF NIKE HERCULES ROCKET MOTORS, M30A2/CONTAINERS

CONDITIONS

You are an ammunition inspector in the stockpile reliability branch of the surveillance section. You must make an inspection of a lot number or a like group of Nike Hercules rocket motors and their containers. Do this task in the surveillance workshop and munitions storage area in good weather. You'll have:

FORMS

1. DD Form 1577 series (Unserviceable Materiel Tags or Labels).
2. DA Form 2415 (Ammunition Condition Report).
3. DA Form 3022-R [Army Depot Surveillance Record (DSR)].
4. DA Form 3151-R (Ammunition Stores Slip) or DA Form 4508 (Ammunition Transfer Record).
5. Ammunition surveillance inspection report (ASIR).

PUBLICATIONS

1. DOD Reg 5154.4S.
2. AR 725-50.
3. FM 9-38.
4. TM 9-1410-206-35.
5. TM 9-1410-250-12/1.
6. TM 743-200-1.
7. TM 38-750.
8. SB 742-1.
9. SB 742-1337-92-012.
10. MIL-STD 129F.
11. Ammunition drawings.
12. SOP.

EQUIPMENT

1. Standard shop equipment and tools.
2. Special tools and equipment listed in chapter 2, TM 9-1410-206-35.
3. M30A2 rocket motors with containers.
4. Cargo vehicle.
5. Forklift.
6. Clipboard.
7. A ballpoint pen.

STANDARDS

Do performance measures right IAW AR 725-50, TM 9-1410-206-35, TM 9-1410-250-12/1, TM 38-750, TM 743-200-1, SB 742-1, SB 742-1337-92-012; MIL-STD 129F; ammunition drawings and SOP. Follow all safety rules.

PERFORMANCE MEASURES

1. Decide type of inspection to be performed (chap 2, sec VII, SB 742-1; para 6, SB 742-1337-92-012, and SOP).
2. Select samples from storage (para 2-2 and 2-30, SB 742-1; table 1, SB 742-1337-92-012, and SOP).

TASK 093-55X-3376 (Continued)

3. Record descriptive data on the ASIR including lot number and the serial numbers of items as samples (SOP).
4. Take samples to surveillance workshop (SOP).
5. Post fire symbol (chap 11, DOD Reg 5154.4S).
6. Off-load carrier at workshop (SOP).
7. Inspect containers (table 3, SB 742-1337-92-012 and SOP).
8. Open and take rocket motor from container (para 57, TM 9-1410-206-35, and SOP).
9. Write down inspection of container and classify defects on the ASIR (table 3, SB 742-1337-92, and SOP).
10. Ground the rocket motor (para 57, TM 9-1410-206-35, and SOP).
11. Take out and inspect electric squibs (SOP).
12. Write down inspection of the squibs and classify defects on the ASIR (SOP).
13. Do a squib resistance test (table 3, SB 742-1337-92-012; TM 9-1410-250-12/1 and SOP).
14. Record test results of squibs on the ASIR (SOP).
15. Inspect rocket motor propellant grain (SOP).
16. Write down inspection of propellant grain and classify defects on the ASIR (SOP).
17. Repackage rocket motor (para 7B, SB 742-1337-92-012, and SOP).
18. Evaluate inspection results and recommend the proper ammunition condition code (ACC) (app AB, AR 725-50).
19. Make out an ACC status change for serial numbered items recommended for different ACC (para 3-16, FM 9-38, and para 5.2.4.5.4, TM 743-200-1).
20. Make out an ammunition condition code report (ACR) if serial numbered items are recommended for an unserviceable ACC (para 5-8, TM 38-750).
21. Fill out enough materiel tags or labels to put on each unserviceable serial numbered item (para 5.4.16.2 or 5.4.16.3, MIL-STD 129F).
22. Get document number of ACR, materiel tags or labels, and ACC status change.
23. Post all document numbers to the right forms and post all document numbers to the ASIR.
24. Make sure all reports are complete and accurate.
25. Send reports and DSR card to surveillance office.
26. Send samples back to storage.

REFERENCES.

DOD Reg 5154.4S; AR 710-9, AR 725-50; FM 9-38; TM 9-1410-206-35, TM 9-1410-250-12/1, TM 38-750, TM 743-200-1; SB 742-1, SB 742-1337-92-012; MIL-STD 129F; ammunition drawings and SOP.

TASK O93-55X-3377

PERFORM INSPECTION OF NIKE HERCULES ROCKET MOTORS, M42 SERIES/CONTAINERS

CONDITIONS

You are an ammunition inspector in the stockpile reliability branch of the surveillance section. You must make an inspection of a lot or a like group of Nike Hercules rocket motors and their containers. Do this task in the surveillance workshop and the munition storage area in good weather. You'll have:

FORMS

1. DD Form 1577 series (Unserviceable Material Tags or Labels).
2. DA Form 2415 (Ammunition Condition Report).
3. DA Form 3022-R [Army Depot Surveillance Record (DSR)].
4. DA Form 3151-R (Ammunition Stores Slip) or DA Form 4508 (Ammunition Transfer Record).
5. Ammunition surveillance inspection report (ASIR).

PUBLICATIONS

1. DOD Reg 5154.4S.
2. AR 725-50.
3. FM 9-38.
4. TM 9-1410-206-35.
5. TM 9-1410-250-12.
6. TM 9-1410-259-12/1.
7. TM 38-750.
8. TM 743-200-1.
9. SB 742-1..
10. SB 742-1337-92-011.
11. SB 742-1337-92-013.
12. MIL-STD 129F.
13. SOP.

EQUIPMENT

1. Standard shop equipment.
2. Tools and equipment listed in section VI, chapter 2, TM 9-1410-206-35.
3. Protective clothing and equipment.
4. Samples of M42 series rocket motors.
5. Cargo vehicle.
6. Forklift.
7. Clipboard.
8. Ballpoint pen.

STANDARDS

Do performance measures right IAW AR 725-50, TM 9-1300-206, TM 9-1410-206-35, TM 9-1410-250-12/1, TM 38-750, TM 743-200-1 SB 742-1, SB 742-1337-92-011, SB 742-1337-92-013; MIL-STD 129F; ammunition

TASK 093-55X-3377 (Continued)

PERFORMANCE MEASURES

1. Decide type of inspection to be performed (sec VII, chap 2, SB 742-1, and SOP).
2. Select samples from storage (para 2-2 and 2-30, SB 742-1, and SOP).
3. Record descriptive data on the ASIR to include lot number and the serial numbers of items selected as samples (SOP).
4. Take samples to the surveillance workshop (SOP).
5. Post fire symbols (chap 11, DOD Reg 5154.4S).
6. Off-load samples at workshop (SOP).
7. Inspect container (table 3, SB 742-1337-92-013, and SOP).
8. Open containers and take M42 cluster from container as required (TM 9-1410-250-12).
9. Disassemble M42 and place motors in holding rack or on the universal stand one at a time as required (SOP).
10. Ground the rocket motor (para 59, TM 9-1410-206-35, and SOP).
11. Inspect inside of container (table 3, SB 742-1337-92-013, and SOP).
12. Record and classify defects of container on the ASIR (table 3, SB 742-1337-92-013, and SOP).
13. Inspect outside of rocket motor (table 3, SB 742-1337-92-013, and SOP).
14. Record and classify on the ASIR defects noted during the inspection of the outside of the rocket motor (SOP).
15. Disassemble rocket motor as required (para 59, TM 9-1410-206-35, and SOP).
16. Inspect propellant grain as required (para 54, TM 9-1410-206-35, and SOP).
17. Record and classify defects of propellant grain on the ASIR (SOP).
18. Put rocket motor together if required (para 59, TM 9-1410-206-35, and SOP).
19. Inspect igniter container (table 3, SB 742-1337-92-013, and SOP).
20. Record and classify defects on the ASIR (SOP).
21. Open the igniter container and take out the igniter (SB 742-1337-92-011, and SOP).
22. Inspect the igniter (table 3, SB 742-1337-92-013; SB 742-1337-92-011, para 59, TM 9-1410-206-35, and SOP).
23. Record and classify any defects of igniter on the ASIR (SB 742-1337-92-011; table 3, SB 742-1337-92-013, and SOP).
24. Test the igniter using the Simpson Igniter Test Set of Alinco tester with accessories (para 59, TM 9-1410-206-35, and SOP).
25. Record test results on the ASIR (SOP).
26. Repackage rocket motor and igniter and assemble booster cluster (SOP).
27. Evaluate inspection results and recommended appropriate ACC (app AB, AR 725-50).
28. Make out an ammunition condition code (ACC) status change for serial numbered items recommended for a different ACC (para 3-16, FM 9-38, and para 5.2.4.5.4, TM 743-200-1).

TASK O93-55X-3377 (Continued)

29. Make out an ammunition condition report (ACR) if serial numbered items are recommended for an unserviceable ACC (para 5-8, TM 38-750).
30. Fill out enough of the right materiel tags or labels for to put on each unserviceable serial numbered item (para 5.4.16.2 or 5.4.16.3, MIL-STD 129F).
31. Get document number for ACR, materiel tags or labels, and ACC status change.
32. Make sure reports are complete and accurate.
33. Send reports and DSR card to the administrative branch of the surveillance section.
34. Send samples back to storage.

REFERENCES

DOD Reg. 5154.4S; AR 710-9, AR 725-50; FM 9-38, FM 9-47; TM 9-1410-206-35, TM 9-1410-250-12, TM 9-1410-250-12/1, TM 9-1410-250-34, TM 38-750, TM 743-200-1; SB 742-1, SB 742-1337-92-011, SB 742-1337-92-013; MIL-STD 129F; ammunition drawings, and SOP.

TASK 093-55X-3378

PERFORM INSPECTION OF NIKE HERCULES WARHEAD SECTIONS/CONTAINERS

CONDITIONS

You are an ammunition inspector in the stockpile reliability branch of the surveillance section. You must make an inspection of a lot number or a like group of M135 warheads and their containers. Do the task in the surveillance workshop and/or munitions storage area in good weather. You'll use:

FORMS

1. DD Form 1577 series (Unserviceable Materiel Tags or Labels).
2. DA Form 2415 (Ammunition Condition Report).
3. DA Form 3022-R [Army Depot Surveillance Record (DSR)].
4. DA Form 3151-R (Ammunition Stores Slip) or DA Form 4508 (Ammunition Transfer Record).
5. Ammunition surveillance inspection report (ASIR).

PUBLICATIONS

1. DOD Reg 5154.4S.
2. AR 725-50.
3. FM 9-38.
4. FM 9-1410-206-35.
5. TM 9-1410-250-12/1.
6. TM 9-1410-250-34.
7. TM 38-750.
8. TM 743-200-1.
9. SB 742-1.
10. SB 742-1336-92-008.
11. SB 742-8140-92-001.
12. MIL-STD 129F.
13. Ammunition drawings.
14. SOP.

EQUIPMENT

1. M135 warheads in M409 containers.
2. Special tools and equipment listed in table 3, TM 9-1410-206-35.
3. Standard shop tools and equipment.
4. Protective clothing and equipment.
5. Forklift.
6. Cargo vehicle.
7. Clipboard.
8. A ballpoint pen.

STANDARDS

Do performance measures right IAW DOD Reg 5154.4S, AR 725-50, FM 9-38, TM 9-1410-206-35, TM 38-750, TM 743-200-1; SB 742-1, SB 742-1336-92-008, SB 742-8140-92-001, MIL-STD 129F, ammunition drawings and SOP. Follow all safety rules.

TASK 093-55X-3378 (Continued)

PERFORMANCE MEASURES

1. Decide the type of inspection to be performed (chap 2, sec VII, SB 742-1, and SOP).
2. Select samples from storage (para 2-2, and 2-30, SB 742-1; para 6, SB 742-1336-92-008, and SOP).
3. Record descriptive data to include lot number and serial numbers of items selected as samples on the ASIR (SOP).
4. Take samples to workshop (SOP).
5. Post the right fire symbol (chap 11, DOD Reg 5154.4S).
6. Off-load samples at workshop (SOP).
7. Inspect the container (SB 742-8140-92-001; para 24, TM 9-1410-206-35, and SOP).
8. Record and classify defects noted during inspection of containers on the ASIR (table 2, SB 742-8140-92-001, and SOP).
9. Unpackage warhead body assembly (para 81, TM 9-1410-206-35).

~~WARNING:~~ If the container is sealed, loosen the wing nuts on the gang receptacle and open the access door; remove the core from the air-filling valve; allow the air pressure to escape from the container.

10. Inspect warhead body assembly (table 4 and para 24, TM 9-1410-206-35; para 6, SB 742-1336-92-008, and SOP).
11. Record and classify defects of item inspection on the ASIR (table 2, SB 742-1336-92-008, and SOP).
12. Repackage warhead body assembly after you finish the required inspection (para 38, TM 9-1410-206-35, and SOP).
13. Evaluate inspection results and recommend appropriate condition code (app AB, AR 725-50).
14. Make out ammunition condition code (ACC) status change for serial numbered items recommended for an ACC change (para 3-16, FM 9-38, and para 5.2.4.5.4, TM 743-200-1).
15. Make out an ammunition condition report (ACR) if a serial numbered item is recommended for an unserviceable ACC (para 5-8, TM 38-750).
16. Fill out enough of the right materiel tags or labels for each unserviceable, serial numbered item (para 5.4.16.2 or 5.4.16.3, MIL-STD 129F).
17. Get document number for ACR, materiel tags or labels, and ACC status change.
18. Post document number to the right forms and post all document numbers to ASIR.
19. Make sure all reports are complete and accurate.
20. Send reports and DSR card to the administrative branch of the surveillance section.

TASK 093-55X-3378 (Continued)

REFERENCES

DOD Reg 5154.4S; AR 710-9, AR 725-50; FM 9-38, FM 9-47, FM 9-59; TM 9-1410-206-35, TM 9-1410-250-12/1, TM 9-1410-250-34, TM 38-750, TM 743-200-1; SB 742-1, SB 742-1336-92-008, SB 742-8140-92-001, MIL-STD 129F; ammunition drawings and SOP.

TASK 093-55X-3379

PERFORM INSPECTION OF NIKE HERCULES CLASS V COMPONENTS

CONDITIONS

You are an ammunition inspector assigned to the surveillance section. You must perform an inspection of a lot number or homogenous group of Nike Hercules Class V components. The task will be done in the workshop or the munition storage area in suitable weather. The following forms and publications will be available:

FORMS

1. DA Form 2415 (Ammunition Condition Report).
2. DA Form 3151-R (Ammunition Stores Slip) or DA Form 4508 (Ammunition Transfer Record).
3. DD Forms 1577 series (Unserviceable Materiel Tags or Labels).
4. DA Form 3022-R [Army Depot Surveillance Record (DSR)].
5. Ammunition Surveillance Inspection Report (Prepared locally).

PUBLICATIONS

1. DOD Reg 5154.4S
2. FM 9-38.
3. TM 9-1410-206-35.
4. TM 9-1410-250-12/1.
5. TM 38-750.
6. TM 743-200-1.
7. SB 742-1.
8. SB 742-1336-92-007.
9. SB 742-1337-92-011.
10. MIL-STD-129F.
11. Ammunition drawings.
12. SOP.

EQUIPMENT

1. Standard shop equipment and tools.
2. Special purpose tools and equipment (chap 2, TM 9-1410-206-35).
3. Samples of Class V components.
4. Cargo vehicle.
5. Arming mechanism ohmmeter (8020264).
6. Two-lead test cable (8020265), or three lead test cable (8030966).

7. Simpson Igniter Test Set or Alinco Tester with test lead cables.
8. Shorting plugs.
9. Clipboard.
10. Ballpoint pen.

STANDARDS

PM's will be done correctly IAW DOD Reg 5154.4S; AR 725-50; TM 9-1410-250-12/1, TM 38-750, TM 743-200-1; SB 742-1, SB 742-1336-92-007, SB 742-1337-92-011, MIL-STD-129F, ammunition drawings and SOP. All safety rules will be followed.

TASK 093-55X-3379 (Cont)

PERFORMANCE MEASURES

1. Determine the type of inspection to be performed (sec VII, chap 2, SB 742-1 and para 19, TM 9-1410-206-35).
2. Select samples from storage (para 2-2 and 2-30, SB 742-1; table 1, SB 742-1336-92-007, and table 1, SB 742-1337-92-011).
3. Record descriptive data to include the lot number and serial numbers (if applicable) on the Ammunition Surveillance Inspection Report (ASIR).
4. Transport the samples to the surveillance workshop.
5. Post the proper fire symbol at the workshop (DOD Reg 5154.4S).
6. Off-load the samples at the workshop.

NOTE: PM's 7 thru 15 pertain to inspection of the M30A1 safety and arming device and its shipping container.

7. Inspect the outer pack (table 3, SB 742-1336-92-007).
8. Record and classify defects of outer pack on the ASIR (table 3, SB 742-1336-92-007).
9. Open outer pack and remove contents.
10. Inspect inner packs (table 3, SB 742-1336-92-007).
11. Record and classify defects of inner packs on the ASIR (table 3, SB 742-1336-92-007).
12. Remove the safety and arming device from the inner pack and inspect (table 3, SB 742-1336-92-007).
13. Record and classify defects of the safety and arming devices on the ASIR (table 3, SB 742-1336-92-007).
14. Test each safety and arming device for an open circuit (no continuity), using the arming mechanism ohmmeter (para 10-5, TM 9-1410-250-12/1).
15. Record the test results of the safety and arming devices on the ASIR.

NOTE: PM's 16 thru 24 pertain to inspection of the M24, M65, and M69 rocket motor igniters and their shipping containers.

16. Inspect outer pack (table 3, SB 742-1337-92-011).
17. Record and classify defects of outer packs on the ASIR (table 3, SB 742-1337-92-011).
18. Open outer pack and remove contents.
19. Inspect inner packs (table 3, SB 742-1337-92-011).
20. Record and classify defects of inner packs on the ASIR (table 3, SB 742-1337-92-011).
21. Remove the igniters from the inner packs and inspect each (table 3, SB 742-1337-92-011).
22. Record and classify defects of igniters on the ASIR (table 3, SB 742-1337-92-011).
23. Test each igniter using the Simpson Igniter Test Set or the Alinco Tester (para 59, TM 9-1410-206-35).

TASK 093-55X-3379 (Cont)

24. Record the test results of the igniters on the ASIR.

NOTE: PM's 25 thru 31 pertain to inspections of the M5E1 and M88 component rocket motors and their shipping crates.

25. Inspect outside of the shipping crate (para 24, TM 9-1410-206-35).
26. Uncrate the rocket motor and install in the holding rack (para 59e, TM 9-1410-206-35 and para 8-5, TM 9-1410-250-12/1).
27. Ground the rocket motor.
28. Inspect outside of crate (para 24, TM 9-1410-206-35).
29. Record and classify defects of crate on the ASIR (para 2-4 and 2-30b, SB 742-1).
30. Inspect rocket motor as follows (para 8-5, TM 9-1410-250-12/1):

- a. Visible damage.
- b. Rocket motor head and retaining ring properly seated.
- c. Grain structure free of cracks, moisture, unusual color of the visible portion of the grain, and broken resonance rods.
- d. Heavy helical spring properly seated.
- e. Threads at the forward end of the rocket motor are not damaged.
- f. Pressure fitting cap is tight.
- g. Nozzle shipping closure inside the nozzle at the rear end of the rocket motor is not damaged and is secure.
- h. Markings are correct and legible.
- i. Any other condition that may affect the reliability of the rocket motor.

31. Record and classify defects of rocket motor inspection on the ASIR (para 2-2 and 2-30, SB 742-1).

NOTE: PM's 32 thru 38 pertain to inspection of M28 or M84 explosive harness assemblies and their containers.

32. Inspect the outer pack (para 24, TM 9-1410-206-35).
33. Record and classify defects of outer pack on the ASIR (para 2-4 and 2-30, SB 742-1).
34. Open outer pack and remove contents.
35. Inspect the inner packs (para 24, TM 9-1410-206-35).
36. Record and classify defects of inner packs on the ASIR (para 2-4 and 2-30, SB 742-1).
37. Inspect the explosive harness assemblies (para 24, and table 4, TM 9-1410-206-35).
38. Record and classify defects of explosive harness assemblies on the ASIR (para 2-4 and 2-30, SB 742-1).

TASK 093-55X-3379 (Cont)

NOTE: PM's 39 thru 47 pertain to inspections of the XM4 electric squibs and their containers.

39. Inspect the outer pack (para 24, TM 9-1410-206-35).
40. Record and classify defects of outer pack on the ASIR (para 2-4 and 2-30, SB 742-1).
41. Open outer pack and remove contents.
42. Inspect the inner packs (para 24, TM 9-1410-206-35).
43. Record and classify defects of inner packs on the ASIR (para 2-4 and 2-30, SB 742-1).
44. Inspect the electric squibs (para 24 and table 4, TM 9-1410-206-35).
45. Record and classify defects of electric squibs on the ASIR (para 2-4 and 2-30, SB 742-1).
46. Test electric squibs (TM 9-1410-250-12/1).
47. Record test results on the ASIR.

NOTE: PM's 48 thru 56 pertain to the thermal battery BA-617/U, wet primary battery BA 472/U and batteries BA-485/U and BA 485A/U.

48. Inspect outer pack (para 24, TM 9-1410-206-35).
49. Record and classify defects of outer packs on the ASIR (para 2-4 and 2-30, SB 742-1).
50. Open outer pack and remove contents.
51. Inspect the inner pack (para 24, TM 9-1410-206-35).
52. Record and classify defects of inner pack on the ASIR (para 2-4 and 2-30, SB 742-1).
53. Inspect batteries:
 - a. BA-617/U (para 3-9 and para 12-87, TM 9-1410-250-12/1).
 - b. BA-485/U and BA-485A/U (para 7-9, TM 9-1410-250-12/1).
 - c. BA-472 series (para 2-7 and 10-1, TM 9-1410-250-12/1).
54. Record and classify defects of batteries on the ASIR (para 2-4 and para 2-30, SB 742-1).
55. Test Batteries:
 - a. BA-472 series (para 7-7c, TM 9-1410-250-12/1).
 - b. BA-485/U and BA-485A/U (para 7-9b, TM 9-1410-250-12/1).
56. Record test results of the batteries on the ASIR.
57. Repack Class V components.
58. Evaluate inspection results and recommend the proper ammunition condition code (ACC) (app AB, AR 725-50).
59. Make out an ACC status change for lot number or serial numbered items recommended for a different ACC (para 3-16, FM 9-38 and para 5.2.4.5.4, TM 743-200-1).

TASK 093-55X-3379 (Cont)

60. Make out an ammunition condition report (ACR) if lot number or serial numbered item is recommended for an unserviceable ACC (para 5-8, TM 38-750).
61. Make out the correct materiel tag or label and attach to each unserviceable serial numbered item (para 5.4.16.2 or 5.4.16.3, MIL-STD-129F).
62. Get document number for the ACR, for the materiel tags or labels, and for the ACC status change.
63. Post all document numbers to the right forms and to the ASIR.
64. Review all reports for completeness and accuracy.
65. Send reports and DSR card to the surveillance office.
66. Return samples to storage.

REFERENCES

DOD Reg 5154.4S; AR 710-9, AR 725-50; FM 9-38, FM 9-47; TM 9-1410-206-35, TM 9-1410-250-12/1, TM 9-1410-250-34, TM 38-750, TM 743-200-1; SB 742-1, SB 742-1336-92-007, SB 742-1337-92-011, MIL-STD-129F; ammunition drawings and SOP.

TASK 093-55X-3381
PERFORM INSPECTION OF HAWK GM/CONTAINER

CONDITIONS

You are an ammunition inspector and you have been told to inspect a HAWK GM and container. This task will be done in the workshop. The following forms and publications will be available:

FORMS	PUBLICATIONS
1. DA Form 2415 (Ammunition Condition Report).	1. DOD Reg 5154.4S.
2. DA Form 3151-R (Ammunition Stores Slip) or DA Form 4508 (Ammunition Transfer Record).	2. FM 9-38.
3. DD Forms 1577 series (Unserviceable Materiel Tags or Labels).	3. TM 9-1410-530-14.
4. Ammunition Surveillance Inspection Report (Prepared locally).	4. TM 9-1425-525-34.
5. DA Form 3880-R (Improved HAWK Location Status Report).	5. SB 742-1.
	6. Other SB's.
	7. MIL-STD-129F.
	8. Ammunition drawings.
	9. SOP.

EQUIPMENT

1. HAWK GM in container.
2. Missile handling tools (table 2-1, TM 9-1410-530-14).
3. Missile hoisting beam M35.
4. Guided missile stand.
5. Dial indicating depth gage.
6. Assembly tools.
7. Safety and arming test aid (SATA).
8. Surveillance workshop equipment.
9. Lead wire seal.
10. Lead wire sealer.
11. Clipboard.
12. Ballpoint pen.

STANDARDS

Do PM's correctly IAW DOD Reg 5154.4S; AR 725-50; TM 9-1410-530-14, TM 9-1425-525-34, TM 38-750, TM 743-200-1; SB 742-1, other SB's, MIL-STD-129F, ammunition drawings and SOP. Records and reports must be legible and correct. All safety rules must be followed.

PERFORMANCE MEASURES

NOTE: Verify that rocket motor SAFE/ARM handle is in the SAFE position.

1. Determine type of inspection to be performed (para 2-2a, SB 742-1).
2. Select samples from storage (para 2-2a, SB 742-1).

TASK 093-55X-3381 (Cont)

3. Move samples to the workshop.
4. Post fire symbols (DOD Reg 5154.4S).
5. Inspect outside shipping and storage containers for (para 2-11, TM 9-1410-530-14):
 - a. Proper painting and markings.
 - b. Proper closure and sealing.
 - c. Adequacy of internal air pressure (2 to 3 psig).
 - d. Any other nonstandard condition.
6. Release pressure, open container and slide out the missile on rack assembly (para 2-4, TM 9-1410-530-14).
7. Inspect outside of container for the following (para 2-11, TM 9-1410-530-14):
 - a. Presence and serviceability of desiccant and humidity indicator.
 - b. Presence and proper storage of all required missile components.
 - c. Serviceability of the suspension system and internal rack assemblies.
 - d. Any other nonstandard condition.
8. Record and classify defects of container inspections on ASIR.
9. Inspect missile and components for the following (para 2-10, TM 9-1410-530-14):
 - a. Painting and marking.
 - b. Check for completeness of missile log book.
 - c. Be sure to check for rust, corrosion and other substandard conditions.
 - d. Check for physical damage such as dents, scratches, puncture or bent/broken components.
 - e. Any other nonstandard condition.
10. Do an electrical test of Class V components as required (the right SB).
11. Replace desiccant and humidity indicator (para 2-5, TM 9-1410-530-14).
12. Repack guided missile and repressurize container (para 2-5, TM 9-1410-530-14).
13. Record and classify defects on ASIR.
14. Evaluate inspection results and accept or reject HAWK missiles.
15. Make out an ammunition condition code (ACC) status change if required.
16. Make out an ACR and the right tags/labels for unserviceable serial numbered items if required.
17. Complete other surveillance records and reports as required.
18. Send surveillance records and reports to the surveillance office.
19. Submit Improved HAWK Location Status Report (para C-7, TM 9-1410-530-14).

TASK 093-55X-3381

REFERENCES

DOD Reg 5154.4S; AR 710-9, AR 725-50; FM 9-38; TM 9-1410-530-14, TM 9-1425-525-34; SB 742-1, SB 742-1336-92-003, SB 742-1336-92-004, SB 742-1336-92-005, SB 742-1336-92-006, SB 742-1336-92-012, SB 742-1337-92-004, SB 742-1337-92-005, SB 742-1337-92-006, SB 742-1337-92-007, SB 742-1337-92-008, SB 742-1337-92-015; MIL-STD-129F; ammunition drawings and SOP.

TASK 093-55X-3382
PERFORM INSPECTION OF HAWK GM CLASS V COMPONENTS

CONDITIONS

You are an ammunition inspector and have been told to inspect HAWK GM Class V components. This task will be performed in the surveillance workshop or other inspection area. The following forms and publications will be available:

FORMS

1. DA Form 2415 (Ammunition Condition Report).
2. DA Form 3151-R (Ammunition Stores Slip) or DA Form 4508 (Ammunition Transfer Record).
3. DD Forms 1577 series (Unserviceable Materiel Tags or Labels).
4. DA Form 3880-R (Improved HAWK Location Status Report).
5. Ammunition Surveillance Inspection Report (ASIR) (Prepared locally).

PUBLICATIONS

1. DOD Reg 5154.4S.
2. FM 9-38.
3. TM 9-1410-530-14.
4. TM 9-1425-525-34.
5. SB 742-1.
6. Other applicable SB's.
7. MIL-STD-129F.
8. Ammunition drawings.
9. SOP.

EQUIPMENT

1. Ultrasonic flow detector.
2. Missile handling tools (table 2-1, TM 9-1410-530-14).
3. ALINCO Model 101-5BF.
4. Spark proof flashlight.
5. Borescope.
6. HAWK Class V components.
7. Cargo vehicle.
8. Forklift.
9. Clipboard.
10. Ballpoint pen.

STANDARDS

Do PM's correctly IAW DOD Reg 5154.4S; AR 725-50, TM 9-1410-530-14, TM 740-525, TM 38-750, TM 743-200-1; SB 742-1, SB for item being inspected MIL-STD-129F, ammunition drawings and SOP. All safety rules must be followed. All tools and equipment must be properly used.

PERFORMANCE MEASURES

1. Determine type of inspection to be performed (para 2-2a, SB 742-1).
2. Select samples from storage (para 2-2a, SB 742-1).
3. Transfer samples to inspection area.

TASK 093-55X-3382 (Cont)

4. Post fire symbols (DOD Reg 5154.4S).
5. Check status of shelf life (table 2-10, TM 9-1410-530-14).
6. Inspect HAWK warhead for the following (table 2, SB 742-1336-92-013):
 - a. Evidence of explosive on exterior.
 - b. Cracks or chips in case.
 - c. Inputs for serviceability.
 - d. Damage to cup assemblies.
 - e. Damage to safe and arm assembly.
 - f. Loose booster pellet.
 - g. Painting and markings.
 - h. Any other nonstandard condition.
7. Inspect HAWK accumulator for the following:
 - a. Painting and markings.
 - b. Dust, rust, corrosion and damage.
 - c. Check correct pressure if required.
 - d. Any other nonstandard condition.
8. Inspect explosive linear actuator for the following:
 - a. Painting and markings.
 - b. Mildew or moisture, rust, corrosion, or foreign material.
 - c. Cuts, breaks or other damage.
 - d. Any other nonstandard condition.
9. Test explosive linear actuator with ignition circuit tester (Alinco) if required.
10. Inspect safety and arming (S&A) device container for the following:
 - a. Painting and markings.
 - b. Proper assembly, closure, and sealing.
 - c. Mildew or moisture.
 - d. Any other nonstandard condition.
11. Remove S&A device from container.
12. Verify that device is safe.

WARNING: If red is visible thru viewing window of the S&A device, it is armed. S&A device should immediately be placed in a barricaded area. Refer to SOP.

TASK 093-55X-3382 (Cont)

13. Inspect S&A device for the following:
 - a. Proper markings.
 - b. Dirt, rust, or corrosion.
 - c. Any other nonstandard condition.
14. Test S&A device if required.
15. Inspect rocket motor igniter for the following:
 - a. Presence, serviceability, and proper installation of shorting plug and preformed packing.
 - b. Inspect for armed condition.
 - c. Proper markings.
 - d. Rust or corrosion on connectors.
 - e. Damage.
 - f. Any other nonstandard condition.
16. Do an electrical test of igniter.
17. Inspect rocket motor storage and shipping container for the following:
 - a. Painting and markings.
 - b. Proper closure and sealing.
 - c. Mildew or moisture.
 - d. Any other nonstandard condition.
18. Inspect rocket motor for the following:
 - a. Proper painting and markings.
 - b. Dirt, rust, corrosion or other foreign material.
 - c. Dents, cuts, goges.
 - d. Presence and serviceability of all components.
 - e. Cracks in propellant grain.
 - f. Any other nonstandard condition.
19. Do a ultrasonic test to determine condition of bonding between motor case and liner if required.
20. Inspect and test battery as required.
21. Record and classify defects on ASIR.
22. Complete surveillance records and reports as required.
23. Send surveillance records and reports to the chief ammunition inspector.
24. Submit Improved HAWK location status report (para C-7, TM 9-1410-530-14).

TASK 093-55X-3382 (Cont)

REFERENCES

DOD Reg 5154.4S; AR 710-9, AR 725-50; FM 9-38; TM 9-1410-530-14,
TM 9-1425-525-34, TM 38-750, TM 743-200-1; SB 742-1, SB's, MIL-STD-129F;
ammunition drawings and SOP.

TASK 093-55X-3384

PERFORM INSPECTION OF REDEYE AIR DEFENSE GM SYSTEMS/CONTAINERS

CONDITIONS

You are an ammunition inspector assigned to the surveillance section. You must do an inspection of a lot number or homogenous group of Redeye GM systems and containers. This task will be done in the workshop and the munition storage area in suitable weather. The following forms and publications will be available:

FORMS

1. DA Form 2415 [Ammunition Condition Report (ACR)].
2. DA Form 3151-R (Ammunition Stores Slip) or DA Form 4508 (Ammunition Transfer Record).
3. DD Forms 1577 series (Unserviceable Materiel Tags or Labels).
4. DA Form 3022-R [Army Depot Surveillance Record (DSR)].
5. Ammunition Surveillance Inspection Report (Prepared locally).

PUBLICATIONS

1. DOD Reg 5154.4S.
2. FM 9-38.
3. TM 9-1400-425-12.
4. TM 9-1400-425-35.
5. TM 38-750.
6. TM 743-200-1.
7. SB 742-1.
8. SB 742-1425-92-001.
9. MIL-STD-129F.
10. Ammunition drawings.
11. SOP.

EQUIPMENT

1. Surveillance workshop equipment.
2. Lead wire seals.
3. Lead wire sealer.
4. Cargo vehicle.
5. Redeye weapon systems and containers.
6. Clipboard.
7. Ballpoint pen.

STANDARDS

Do PM's correctly IAW DOD Reg 5154.4S; AR 725-50; FM 9-38; TM 9-1400-425-12, TM 9-1400-425-35, TM 38-750, TM 743-200-1; SB 742-1, SB 742-1425-92-001, MIL-STD-129F, ammunition drawings and SOP. All safety rules will be followed.

PERFORMANCE MEASURES

1. Determine the type of inspection to be performed (sec VII, SB 742-1 and para 2-21, TM 9-1400-425-35).
2. Select samples from storage (para 2-30, SB 742-1 and para 6, SB 742-1425-92-001).

TASK 093-55X-3384 (Cont)

3. Record descriptive data to include lot number and serial numbers of selected samples on Ammunition Surveillance Inspection Report (ASIR).
4. Move samples to workshop.
5. Post fire symbol (DOD Reg 5154.4S).
6. Off-load and stack samples in workshop.
7. Inspect containers (para 3-20.5 and 3-20.6, TM 9-1400-425-35).
8. Record and classify defects of container inspection on ASIR (para 2-4, SB 742-1).
9. Inspect weapon (para 3-5, TM 9-1400-425-12).
10. Record and classify defects of weapon system inspection on ASIR (para 2-4, SB 742-1 and table 2, SB 742-1425-92-001).
11. Repack weapon systems after inspection.
12. Evaluate inspection results and accept or reject lot (table 1, SB 742-1425-92-001).
13. Make out an ammunition condition code (ACC) status change for serial numbers recommended for a different ACC.
14. Make out materiel tags or labels for serial numbers recommended for an unserviceable ACC (para 5.4.16.2 or 5.4.16.3, MIL-STD-129F).
15. Make out an ACR for unserviceable serial numbered items (para 5-8, TM 38-750).
16. Get document numbers for ACR, materiel tags or labels and ACC status change.
17. Post document numbers to the right forms and to the ASIR.
18. Review all reports for completeness and accuracy.
19. Send reports and DSR card to the surveillance office.
20. Return weapon systems to storage location.

REFERENCES

DOD Reg 5154.4S; AR 710-9, AR 725-50; FM 9-38; TM 9-1400-425-12, TM 9-1400-425-35, TM 38-750, TM 743-200-1; SB 742-1, SB 742-1425-92-001; MIL-STD-129F; ammunition drawings and SOP.

TASK 093-55X-3385
PERFORM INSPECTION OF CHAPARRAL GM/CONTAINERS

CONDITIONS

You are an ammunition inspector and you must do an inspection of a lot number or homogenous group of Chaparral GM's and containers. This task will be done in the workshop. The following forms and publications will be available:

FORMS

1. DA Form 2415 (Ammunition Condition Report).
2. DA Form 3151-R (Ammunition Stores Slip) or DA Form 4508 (Ammunition Transfer Record).
3. DD Form 1577 series (Unserviceable Materiel Tags or Labels).
4. DA Form 3022-R [Army Depot Surveillance Record (DSR)].
5. Ammunition Surveillance Inspection Report (Prepared locally).

PUBLICATIONS

1. DOD Reg 5154.4S.
2. FM 9-38.
3. TM 9-1410-585-24.
4. TM 9-4935-587-12.
5. TM 38-750.
6. TM 743-200-1.
7. SB 742-1.
8. SB 742-1410-92-001.
9. MIL-STD-129F.
10. Ammunition drawings.
11. SOP.

EQUIPMENT

1. Surveillance workshop equipment.
2. Strapping and sealing kit.
3. Test set with accessories.
4. Lead wire seals.
5. Lead wire sealer.
6. Cargo vehicle.
7. Assembly stand.
8. Chaparral GM's and containers.
9. Clipboard.
10. Ballpoint pen.

STANDARDS

Do PM's correctly IAW DOD Reg 5154.4S; AR 725-50, AR 710-9; FM 9-38; TM 9-1410-585-24, TM 9-4935-587-12, TM 38-750, TM 743-200-1; SB 742-1, SB 742-1410-92-001; MIL-STD-129F, ammunition drawings and SOP pertaining to inspection and testing of Chaparral GM's, Chaparral Class V components and containers. All safety rules must be followed.

PERFORMANCE MEASURES

1. Determine type of inspection to be done (para 3-5, TM 9-1410-585-34, sec VII, SB 742-1 and para 6, SB 742-1410-92-001).

TASK 093-55X-3385 (cont)

2. Select samples from storage (para 2-30, SB 742-1 and table 1, SB 742-1410-92-001).
3. Record descriptive data to include lot number and the serial number of selected samples on the Ammunition Surveillance Inspection Report (ASIR).
4. Move samples to workshop.
5. Post fire symbols (DOD Reg 5154.4S).
6. Offload and stack samples in workshop.
7. Inspect containers (para 3-13, 3-14, 3-15, TM 9-1410-485-24).
8. Record and classify defects of container inspection on ASIR (table 4, SB 742-1410-92-001).
9. Remove missile from container (para 3-4, TM 9-1410-585-24).
10. Inspect missile (table 3-1, TM 9-1410-585-24).
11. Record and classify defects noted during inspection of missile on the ASIR (sec VII, SB 742-1).
12. Inspect MK4 wing assembly to include rolleron, MK5 wing assembly, fins and fin retainer (table 3-1, TM 9-1410-585-34).
13. Record and classify defects of wing assemblies and fins on the ASIR.

NOTE: PM's 14 thru 31 will be done when the inspection requires disassembly of missile.

14. Remove guidance section and target detecting device (TDD) straight outward from the warhead section (para 4-3g, TM 9-1410-585-24).
15. Check to be sure that the letter "S" is visible in the rear window of the safe-arming (S-A) device (para 4-3h, TM 9-1410-585-24).

WARNING: If the S-A device is found to be armed (all or part of the letter "A" visible in rear window or the latch is not visible or the red mark is visible in the forward window), the device is hazardous. Place the guidance section, TDD, and S-A device (still assembled) behind an operational shield and follow the specific instructions in the SOP for removal and disposition of unsafe S-A devices.

16. Remove the S-A device from the TDD (para i., TM 9-1410-585-24).
17. Inspect S-A device (table 3-1, TM 9-1410-585-24).
18. Record and classify defects of S-A device inspection on ASIR.
19. Remove the TDD from guidance section and install dust covers (para 4-3i, TM 9-1410-585-24).
20. Inspect TDD and guidance section (tables 3-1 and 3-2).
21. Record and classify defects noted during inspection of TDD and guidance section on ASIR.
22. Do an umbilical cable test (TM 9-4935-587-12).
23. Do a guidance section test (TM 9-4935-587-12).
24. Record results of guidance section and umbilical cable test on ASIR.
25. Test TDD (TM 9-4935-587-12).
26. Record results of TDD test on ASIR.
27. Inspect rocket motor (table 3-1, TM 9-1410-585-24).

TASK 093-55X-3385 (Cont)

28. Record and classify defects of rocket motor inspection on ASIR.
29. Test rocket motor (para 6-2, TM 9-1410-585-24).
30. Record test results of rocket motor on ASIR.
31. Reassemble missile (chap 4, TM 9-1410-585-24).
32. Repack missile after assembly.
33. Evaluate inspection results and accept or reject items.
34. Complete ASIR.
35. Make out an ammunition condition code (ACC) status change for serial numbered items recommended for a different ACC (para 3-16, FM 9-38 or para 5.2.4.5.4, TM 743-200-1).
36. Make out an ACR for serial numbered items recommended for an unserviceable ACC (para 5-8, TM 38-750).
37. Make out a materiel tag or label and attach to each unserviceable missile (para 5.4.16.2 or 5.4.16.3, MIL-STD-129F).
38. Get a document number for ACR, materiel tags or labels and ACC status change.
39. Post document numbers to the right forms and to ASIR.
40. Review all reports for completeness and accuracy.
41. Send reports and DSR card to surveillance office.

REFERENCES

DOD Reg 5154.4S; AR 710-9, AR 725-50; FM 9-38; TM 9-1410-585-24, TM 9-1440-585-12, TM 9-4935-587-12, TM 38-750, TM 743-200-1; SB 742-1, SB 742-1410-92-001; MIL-STD-129F; ammunition drawings and SOP.

TASK 093-55X-3401
TEST SMALL ARMS TRACER AMMUNITION

CONDITIONS

You have been told to perform a trace test of a lot number of small arms ammunition. This task will be done at the small arms range or surveillance function test range during suitable weather. Help will be given in setting up ammunition peculiar equipment (APE), weapon assembly, preparation of samples for test, testing samples and observing test. The following forms and publications will be available:

FORMS

1. DA Form 3524-R (Trace Function Test Report).
2. DA Form 3151-R (Ammunition Stores Slip).
3. DA Form 4508 (Ammunition Transfer Record).
4. DA Form 2415 (Ammunition Condition Report).
5. DA Form 3782 (Suspended Notice).
6. DA Form 3023 (Gage Record).
7. DA Form 3022-R [Army Depot Surveillance Record (DSR)].
8. Locally prepared worksheets and weapon barrel record.

PUBLICATIONS

1. AR 385-63.
2. FM 9-38.
3. TM 9-1305-200.
4. TM 743-200-1.
5. SB 700-1300-1.
6. SB 742-1.
7. SB 742-1305-1.
8. Military specifications.
9. Military standards.
10. Ammunition drawings.
11. Other TM's.
12. SOP for function testing small arms tracer ammunition.

EQUIPMENT

1. APE 1914 (anemometer).
2. APE 1923 (combination gun mount).
3. APE 1923-E001 (kit, mount cal .30 machine gun, M37).
4. APE 1923-E003 (kit, mount 7.62mm machine gun, M60).
5. APE 1923-E004 (kit, mount cal .50 spotting rifle, M8 series).
6. APE 1923-E005 (kit, mount cal .30 carbine, M1).
7. APE 1923-E006 (kit, graze impact table).
8. APE 1923-E007 (kit, electrical control system).
9. APE 1923-E008 (kit, mount 5.56 rifle, M16).
10. APE 1923-E009 (kit, mount cal .50 machine gun).
11. Thermometer.
12. Wind sock.
13. Rifles.
14. Machine guns.
15. Extra weapon barrels.
16. Cleaning equipment.
17. Ammunition.
18. Breech base gages.
19. Warning signs.
20. Red flag.
21. Telephone and/or two-way radio.
22. Fire fighting equipment.
23. Ear plugs.
24. Clipboard.
25. Ballpoint pen or pencil.

TASK 093-55X-3401 (Cont)

STANDARDS

Testing of small arms tracer ammunition must be done correctly IAW SB 742-1305-1. The safety precautions cited in AR 385 series and TM 9-1305-200 will be observed by inspecting and testing personnel. The SOP for performing small arms trace test will be available and used. Weapons used for test will be cleaned before returning them to arms room. Ammunition peculiar equipment will be setup and operated IAW applicable APE manuals. Supervise and correct personnel helping you.

PERFORMANCE MEASURES

1. Select samples from storage IAW para 2-2, SB 742-1, and para 6 and app B, SB 742-1305-1.
2. Enter the following information in the proper blocks of locally devised worksheet:
 - a. NSN/DODAC.
 - b. Nomenclature.
 - c. Functional lot number.
 - d. Sample size.
 - e. Weather data.
 - f. Total quantity in lot number.
 - g. Component model number and lot number for each type of small arms ammunition comprising functional lot number.
3. Inspect samples selected for test. Samples will be examined IAW instructions outlined in task 3303 for a periodic inspection.
4. Post warning signs, raise red flag and block access roads leading to test range. Small arms test ranges will be IAW sec II, AR 385-63.
5. Conduct a communications check with the surveillance office to be sure telephone and/or two-way radio is operating (para 3, SB 742-1305-1).
6. Be sure fire fighting equipment is present at test range and available to extinguish brush or grass fires started by tracer bullets (para 3, SB 742-1305-1).
7. Setup APE necessary to perform test.
8. Assemble weapons as required. Barrels used in trace test weapons will be disqualified from service when they have been fired the number of times indicated in para 7b, SB 742-1305-1. The weapon barrel record will state the number of rounds previously fired in that barrel.
9. Check weapon to be sure it is in satisfactory condition; check head space, check barrel with breech bore gage (para 9, SB 742-1305-1).
10. Post the DA Form 3023 for the number of passes made with the breech bore gage (para e, SB 742-1).
11. Assemble ammunition into clips, magazines, or belts (para 8a (1), SB 742-1305-1).

TASK 093-55X-3401 (Cont)

12. Align weapon and make final adjustments of elevation and windage after firing the sighting, warm-up, and fouling rounds (para 8a (2), SB 742-1305-1).
13. Test ammunition (para 8a, SB 742-1305-1).
14. Record trace characteristics of each sample on the locally prepared worksheet as round is fired (para 8a (5), SB 742-1305-1).

NOTE: During firing for observation, familiarization, or for confirmation of special or questionable tests, two or more observers at the same or different observation points may be required.

15. Post the number of rounds fired to the barrel record card.
16. Collect fired cartridge cases and examine each for case casualties which resulted from firing (para 9c, SB 742-1305-1).
17. Evaluate test results for lot number (para 9 and 10, and app A and C, SB 742-1305-1).

NOTE: A retest is required when lot number of tracer ammunition shows 20 percentage points or more deviation from previous test results. The minimum size lot to be considered for retest is 10,000 rounds of individual tracer lot or a functional lot containing 10,000 rounds of component tracer lot. The original test results shall be considered final for lots containing less than the minimum quantity of tracer ammunition. This limitation does not apply to cartridge, Caliber .50 Spotter - Tracer M48 Series.

NOTE: PM's 18 thru 21 will be done only for lots requiring retest.

18. Investigate to determine if deviation (20 percentage points or more from previous test) is attributable to weapon such as a worn barrel, possible observer error, background light condition, etc.
19. Correct the deficiency and select an additional 50 round sample for test if it is determined that deviation is not attributable to the ammunition. The previous test results should be disregarded.
20. Select a 100 round sample and retest if the 20 percent deviation is attributed to the ammunition.

NOTE: A new barrel (1,000 rounds or less) will be used for conducting all retests. In no case will the retest sample be fired in the same barrel as the initial test sample.

21. Record retest results for each sample round fired.
22. Recommend ammunition condition code (ACC) for lot number based on evaluation of test (SB 700-1300-1).
23. Fill out DA Form 3524-R (para 11, SB 742-1305-1).

TASK 093-55X-3401 (Cont)

23. Fill out DA Form 3524-R (para 11, SB 742-1305-1).
24. Make out an ammunition condition code (ACC) status change using DA Form 3151-R (para 3-16, FM 9-38) or DA Form 4508 (para 5.2.4.5.4), TM 743-200-1. An ACC status change is required when the ACC after test is other than that prior to test.
25. Make out DA Form 3782 (para 4-2b, SB 742-1) when lot number is recommended for ACC-J. Make enough copies of the form for each stack in storage.
26. Make out DA Form 2415 for caliber .30 and .50 functional lots of AP and tracer in which the component tracer lot exhibits less than 50 percent total trace. Lot number will be retained in a nonissue status. DA Form 2415 will be done JAW (para 5-8, TM 38-750).
27. Get document numbers for ACC status change, suspended notice, and DA Form 2415.
28. Prepare a resume of all prior trace test results or a copy of DSR card for lot if retested.
29. Give all reports to the chief ammunition inspector for review and approval.

REFERENCES

AR 385-63, AR 725-50; FM 9-38; TM 9-1305-200, TM 38-750, TM 743-200-1; SB 700-1300-1, SB 742-1, SB 742-1305-1; applicable MIL-SPECS, MIL-STDS; applicable ammunition drawings; applicable APE Manuals, and SOP.

TASK 093-55X-3402
TEST FRAGMENTATION HAND GRENADES

CONDITIONS

You have been told to do a function test of a lot number of fragmentation hand grenades. This task will be done at the surveillance function test range in suitable weather. You will be given help in setting up the test equipment, observing, and recording the results of the test. The following forms and publications will be available:

FORMS

1. DA Form 984 (Munition Surveillance Report).
2. DA Form 3151-R (Ammunition Stores Slip) or DA Form 4508 (Ammunition Transfer Record).
3. DA Form 3782 (Suspended Notice).
4. DA Form 2415 (Ammunition Condition Report).

PUBLICATIONS

1. SB 742-1.
2. SB 742-1330-94-435.
3. SB 742-1330-94-436.
4. APE manual for test equipment.
5. SOP, Function testing hand grenades.

EQUIPMENT

1. APE 1901 (immersion tank).
2. APE 1907 (accessory part No. 053, gage, push-pull, 0-40 pounds).
3. APE 1937 (personnel protective shelter).
4. APE 1912 (cup-cased thermometer).
5. Stopwatches (1/100 second division).
6. APE 1917 (ammunition testing pressure gage).
7. APE 1920 (operations shield).
8. APE 1916 (preconditioning oven).
9. APE 1922M1 (hand grenade function testing fixture).
10. APE 1922M1-M3901 (accessory kit for impact hand grenade testing).
11. APE 1213 (pitch-in barricade for delay type hand grenade).

12. Local fabricated holding fixture (IAW APE drawing 1922M1-39002).
13. APE 1926 (quick release type lanyard).
14. Lanyards.
15. Demolition charges.
16. Blasting caps.
17. Fuze lighters.
18. Time fuze.
19. Pliers.
20. Warning signs.
21. Red flag.
22. Telephone or two-way radio.
23. Fire fighting equipment.
24. First aid kit.
25. Clipboard.
26. Ballpoint pen.

TASK 093-55X-3402 (Cont)

STANDARDS

Do PM's correctly IAW AR 385-63, FM 9-38, TM 38-750, TM 743-200-1, SB 742-1, other SB's, APE manuals and SOP. All safety rules must be followed. Supervise and correct personnel helping you.

PERFORMANCE MEASURES

NOTE: When a critical defect is found during test and there is no apparent hazard to personnel continue the task. Continue with the function testing even though you may find enough functional defects to reject the lot involved.

1. Select samples from storage (para 2-2, SB 742-1 and the right SB for item being tested).
2. Complete items 1 thru 19 of part 1, DA Form 984 (para 2-7d, SB 742-1).
3. Make sure red flag and warning signs are displayed and all access roads leading to test area are blocked.

CAUTION: In the event of accidental arming, pitch grenade in the proper pitch-in barricade that will provide effective personnel protection for item being tested.

4. Perform a visual inspection of packing and samples (SB for item being tested).
5. Record condition of packing in part 1, DA Form 984 (para 2-7d, SB 742-1).
6. Record all nonstandard conditions observed during visual inspection of samples. Defects listed in manuals for item being tested will be recorded in item 8, part II, DA Form 984 (para 2-7d, SB 742-1). All other observations and nonstandard conditions will be recorded in item 26, part 1, DA Form 984 (para 2-7d, SB 742-1).
7. Number samples and identify them as to the box from which they were taken (SB for item being tested).
8. Record box and sample numbers in part II, DA Form 984 (para 2-7d, SB 742-1).
9. Record weather conditions at test area in part II, DA Form 984 (para 2-7d, SB 742-1).
10. Enter reference, revision and date in part II, DA Form 984 (para 2-7d, SB 742-1).
11. Temperature condition the grenades at 70° F. \pm 10° F. (21.1° C. \pm 5.6° C.) for at least 12 hours (SB for item being tested), APE 1916 should be used for this purpose.

TASK 093-55X-3402 (Cont)

12. Place the grenades on their sides 6 to 9 inches under water for 30 minutes. Temperature of water should be 70° F. \pm 10° F. (21.1° C. \pm 5.6° C.). APE 1901 will be used. APE 1912 will be used for checking the temperature of the water.

FUZE IMPACT FUNCTION TEST

NOTE: Samples numbered 1 thru 30 will be tested for detonation upon impact after a flight time of 2 to 3 seconds.

13. Secure lanyard in lockout box. Carry key to lockout box at all times to prevent unauthorized opening. The lanyard between personnel shelter and grenade holding fixture will be inclosed by conduit to prevent accidental functioning of grenade.
14. Remove the grenades from water and place them in the pneumatic launcher (SB for item being tested).

NOTE: All grenades must be tested within 2 hours after removal from the water.

15. Attach the tension recording scale to the clip and pull until the clip comes off. This test is done only on grenades assembled with safety clip.
16. Attach a line from the ammunition testing pressure gage to the safety pin and take cover in the personnel protective shelter.

CAUTION: All personnel should be inside the personnel protective shelter before continuing the test.

17. Open lockout box and pull on lanyard attached to the scale unit until the safety pin is withdrawn (SB for item being tested). Observe the grenade through the periscope to be sure the safety pin has been withdrawn.
18. Launch the grenade by opening the quick release valve (SB for item being tested).
19. Record by means of three stopwatches the time from launching to detonation of the grenade (SB for item being tested).
20. Record the time from launching to detonation of grenade in the proper column of item 8, part II, DA Form 984 (para 2-7d, SB 742-1).
21. Observe the order of detonation. If a low order detonation or dud occurs, record this in the proper column of item 8, part II, DA Form 984 (para 2-7d, SB 742-1 and SB for item being tested).

CAUTION: All personnel will stay in the shelter for a period of at least 30 minutes if a dud occurs.

TASK 093-55X-3402 (Cont)

22. Destroy dud hand grenade in place. Observe the 30 minutes waiting period before destroying the grenade. Procedures for destroying dud hand grenades are contained in the SOP.
23. Read the tension recording scale and record the tension required to withdraw the safety pin in the proper column of item 8, part II, DA Form 984 (para 2-7d, SB 742-1, and SB for item being tested).

FUZE DELAY FUNCTION TEST

NOTE: Samples 31 thru 40 will be tested statically to determine the ability of the fuze delay feature to detonate the grenade. A grenade holding fixture locally fabricated IAW ammunition drawing (APE drawing 1922M1-39002) will be used in doing this test. The holding fixture must be a minimum of 40 feet from the personnel shelter.

24. Secure lanyard in lockout box (para 8b (1), SB 742-1330-94-436). Key to lockout box will be carried at all times to prevent unauthorized opening of lockout box.
25. Remove a grenade from the water and place it in the fixture so the grenade will remain stationary when safety pin is pulled (para 8b (1), SB 742-1330-94-436).
26. Attach a line from the personnel shelter to the grenade safety pin (para 8b (2), SB 742-1330-94-436). If grenade is assembled with a safety clip, pull the clip by hand until it comes off, then connect line to safety pin.
27. Open the lockout box and pull on the lanyard attached to the grenade safety pin until the safety pin is withdrawn (para 8b (4), SB 742-1330-94-436). Watch the grenade through the periscope to be sure the safety pin has been pulled. All personnel should be inside shelter before opening the lockout box.
28. Record by means of at least three stopwatches, fuze delay time, that is, the time (in tenths of a second) from withdrawal of the safety pin to grenade detonation, (para 8b (6), SB 742-1330-94-436).
29. Record delay time in the proper column of item 8, part II, DA Form 984 (para 2-7d, SB 742-1).
30. Observe the order of detonation. If a low order detonation or dud occurs, record this in the proper column of item 8, part II, DA Form 984 (para 8b (7), SB 742-1330-94-436 and para 2-7d, SB 742-1).
31. Destroy dud hand grenade in place, (para 8b (7), SB 742-1330-94-436). A 30 minute waiting period must be observed before destroying the grenade. During this period all personnel must stay inside the shelter. Procedures for destroying dud hand grenades are contained in the local SOP and will be followed.

TASK 093-55X-3402 (Cont)

32. Classify all defects noted during inspection and test (para 10, SB 742-1330-94-436).
33. Enter an "X" in the defective severity column of items 9 and 10, part II, DA Form 984 (para 2-7d, SB 742-1).
34. Enter the total number of each defective classification for samples 1 thru 24 in item 12, part II, DA Form 984 (para 2-7d, SB 724-1).
35. Enter the grand total of each defective item in item 12, part II, DA Form 984 (continuation sheet) (para 2-7d, SB 742-1).
36. Enter the nonfunctional code, functional code and ammunition condition code (ACC) recommended in item 13, part II, DA Form 984 (para 2-7e, SB 742-1 and SB for item being tested).
37. Make out an ACC status change, using DA Form 3151-R (para 3-16, FM 9-38) or DA Form 4508 (para 5.3.4.5.4, TM 743-200-1) if ACC recommended is other than that prior to test.
38. Make out DA Form 3782 for lot number if ACC-J is recommended (para 4-2b, SB 742-1).
39. Complete parts I and II, DA Form 984 (para 2-7d, SB 742-1).
40. Review report for completeness and accuracy.
41. Send ACC status change and suspended notice to the suspense clerk for posting.
42. Give DA Form 984 to the chief ammunition inspector for review and approval.

REFERENCES

AR 385 series; FM 9-38; TM 9-1330-200, TM 9-1330-200-12, TM 9-1330-200-34, TM 743-200-1; SB 700-1300-1, SB 742-1, SB 742-1330-94-435, SB 742-1330-94-426; APE manuals and SOP.

TASK 093-55X-3403
TEST ILLUMINATING HAND GRENADES

CONDITIONS

You have been told to do a function test of a lot number of illuminating hand grenades. This task will be done at the surveillance function test range in suitable weather. You will be given help in setting up test equipment, conducting tests, observing tests and recording test results. The following forms and publications will be available:

FORMS

1. DA Form 984 (Munition Surveillance Report).
2. DA Form 3151-R (Ammunition Stores Slip) or DA Form 4508 (Ammunition Transfer Record).
3. DA Form 3782 (Suspended Notice).
4. DA Form 2415 (Ammunition Condition Report).

PUBLICATIONS

1. SB 742-1.
2. SB 742-1330-38.
3. APE manuals.
4. SOP.

EQUIPMENT

1. APE 1901 (immersion tank).
2. APE 1903 (testing table).
3. APE 1903-E004 (function test kit).
4. APE 1912 (cup-cased thermometer).
5. APE 1937 (personnel protective shelter).
6. APE 1917 (ammunition testing pressure gage).
7. APE 1916 (preconditioning oven).
8. APE 1926 (lanyard, quick release type).
9. Stopwatches.
10. Lanyards.
11. Warning signs.
12. Red flag.
13. Telephone or two-way radio.
14. First aid kit.
15. Fire fighting equipment.
16. Wire pliers.
17. Clipboard.
18. Ballpoint pen or pencil.

STANDARDS

Do PM's correctly IAW FM 9-38, TM 743-200-1, SB 700-1300-1, SB 742-1, SB 742-1330-38, and SOP. All safety rules must be followed. Supervise and correct personnel helping you.

TASK 093-55X-3403 (Cont)

PERFORMANCE MEASURES

NOTE: When a critical defect is found during the test, and there is no apparent hazard to personnel continue the task. Continue with the function testing even though you may find enough functional defects to reject the lot involved.

1. Select samples from storage (para 2-2, SB 742-1 and para 4 and 5, SB 742-1330-38).
2. Complete items 1 thru 19, part I, DA Form 984 (para 2-7d, SB 742-1).
3. Make sure red flag and warning signs are displayed and all access roads leading to test area are blocked.
4. Perform a visual inspection of packing and samples (para 8 and 10, SB 742-1330-38).
5. Record condition of packing in items 20 thru 25, DA Form 984 (para 2-7d, SB 742-1).
6. Record all nonstandard conditions found during visual inspection of samples. Defects listed in para 10, SB 742-1330-38 will be recorded in item 8, part II, DA Form 984 (para 2-7d, SB 742-1). All other observations or nonstandard conditions will be recorded in item 26, part II, DA Form 984 (para 2-7d, SB 742-1).
7. Number samples 1 thru 50 and identify them as to the box from which they were taken (para 6a, SB 742-1300-38).
8. Record box and sample number in items 6 and 7, part II, DA Form 984 (para 2-7d, SB 742-1).
9. Record the weather conditions at test area in items 1 thru 4, part II, DA Form 984 (para 2-7d, SB 742-1).
10. Enter reference, revision, and date in item 5, part II, DA Form 984 (para 2-7d, SB 742-1).
11. Temperature condition grenades to 70° F. \pm 10° F. (21.1° C. \pm 5.6° C.) for at least 12 hours (para 6b, SB 742-1). APE 1912 and APE 1916 will be used.
12. After temperature conditioning, place the grenades on their sides 6 to 9 inches under water for 30 minutes. Temperature of water should be 70° F. \pm 10° F. (21.1° C. \pm 5.6° C.) (para 6b, SB 742-1). APE 1912 and APE 1916 will be used.
13. Secure lanyard in lockout box. Carry key to lockout box at all times to prevent unauthorized opening. The lanyard between the personnel shelter and the grenade holding fixture will be inclosed by conduit to prevent accidental functioning of grenade.
14. Remove the grenade from the water and place in the test fixture designed to prevent the lever from becoming disengaged when safety pin is withdrawn (para 7a, SB 742-1330-38). APE 1903 and APE 1903-E004 should be used.

TASK 093-55X-3403 (Cont)

NOTE: All grenades must be tested within 2 hours after removal from the water.

15. Attach scale to the pull ring of the safety pin (para 7b, SB 742-1330-38).
16. Pull the scale gradually along the axis of the safety pin until either a tension of 5 pounds is reached or pin is withdrawn, whichever occurs first (para 7c and 7d, SB 742-1330-38).
17. Align the holes in the safety lever with the hole in the grenade body by depressing the lever (para 7d, SB 742-1330-38).
18. Pull on tension scale until pin is withdrawn (para 7c, SB 742-1330-38).
19. Record the tension required to remove safety pin in item 8, part II, DA Form 984 (para 2-7d, SB 742-1).
20. Replace safety pin and separate ends (para 7f, SB 742-1300-38).
21. Adjust test fixture to permit disengagement of safety lever (para 7g, SB 742-1330-38).
22. Attach one end of lanyard to the pull ring of the safety lever and take cover inside shelter (para 7h, SB 742-1330-38).
23. Open lockout box and pull on lanyard attached to the tension recording scale until safety pin is withdrawn (para 7i, SB 742-1330-38). Observe grenade to be sure the safety pin has been withdrawn.
24. Record by means of three stopwatches, the fuze delay time (time from safety pin withdrawal to grenade case separation).
25. Record delay time to the nearest tenth of a second in the proper column of item 8, part II, DA Form 984 (para 2-7d, SB 742-1).
26. Record by means of three stopwatches the burning time of illuminant (time from ignition to burnout) (para 8c, SB 742-1330-38).
27. Record the burning time of illuminant to the nearest tenth of a second in the proper column of item 8, part II, DA Form 984.
28. Observe the quality of illumination (para 8d, SB 742-1330-38 and para 2-7d, SB 742-1). State on DA Form 984 whether illumination is satisfactory or unsatisfactory. If unsatisfactory, give an explanation such as low intensity, excessive smoke, etc.
29. Record the occurrence of all nonstandard conditions or malfunctions classified as defects, (para 11, SB 742-1330-38), in part II, DA Form 984 (para 8e, SB 742-1330-38 and para 2-7d, SB 742-1).
30. Classify each defect noted during inspection and test (para 9, SB 742-1330-38).
31. Enter an "X" in the defective severity column of items 9 and 10, opposite the sample number, part II, DA Form 984 (para 2-7d, SB 742-1).
32. Enter the total number of each defective classification for samples 1 thru 24 in item 12, part II, DA Form 984 (para 2-7d, SB 742-1).
33. Enter the total number of each defective classification for sample 1 thru 48 in item 12, continuation page, part II, DA Form 984 (para 2-7d, SB 742-1).

TASK 093-55X-3403 (Cont)

34. Enter the grand total of each defective classification for samples 1 thru 50 on the last continuation page of part II, DA Form 984 (para 2-7d, SB 742-1).
35. Enter the nonfunctional code, functional code and the condition code recommended in item 13, on the last continuation page of part II, DA Form 984 (para 2-7d, SB 742-1).
36. Make out an ammunition condition code (ACC) status change using DA Form 3151-R or DA Form 4508. If a DA Form 3151-R is prepared, follow procedures in para 3-16, FM 9-38, or if a DA Form 4508 is prepared, instructions in para 5.2.4.5.4, TM 743-200-1 apply.
37. Make out DA Form 3782 for lot number if ACC-J is recommended (para 4-2b SB 742-1).
38. Complete parts I and II, DA Form 984 (para 2-7d, SB 742-1).
39. Review reports for completeness and accuracy.
40. Give DA Form 984 to the chief ammunition inspector for review and approval.
41. Send ACC status change and suspended notice, if prepared, to the suspense clerk for posting.

REFERENCES

AR 385 series; FM 9-38; TM 9-1330-200; TM 9-1330-200-12, TM 9-1330-200-34, TM 743-200-1; SB 700-1300-1, SB 742-1, SB 742-1330-38; APE manuals, and SOP.

**TASK 093-55X-3404
TEST RIOT CONTROL GRENADES**

CONDITIONS

You are an ammunition inspector and have been told to do a function test of a lot number of riot control grenades. This task will be done at the surveillance function test range in suitable weather. Help will be given in setting up test equipment, conducting tests, observing tests and recording test results. The following forms and publications will be available:

FORMS

1. DA Form 984 (Munition Surveillance Report).
2. DA Form 3151-R (Ammunition Stores Slip) or DA Form 4508 (Ammunition Transfer Record).
3. DA Form 3782 (Suspended Notice).
4. DA Form 2415 (Ammunition Condition Report).

PUBLICATIONS

1. FM 9-38.
2. SB 700-1300-1.
3. SB 742-1.
4. SB for grenade being tested.
5. APE manuals.
6. SOP for function testing.
7. Function test forecast.

EQUIPMENT

1. APE 1922 (pneumatic grenade launcher).
2. APE 1922-E004 (chemical grenade function test kit).
3. Stopwatches.
4. Protective masks.
5. Warning signs.
6. Red flag.
7. Telephone or two-way radio.
8. Fire fighting equipment.
9. First aid kit.
10. Clipboard.
11. Ballpoint pen.
12. Samples of a lot number of grenades.
13. Cargo vehicle.

STANDARDS

Do PM's correctly IAW AR 385 series, FM 9-38, TM 743-200-1, SB 700-1300-1, SB 742-1, and SB for item being tested and SOP. All safety procedures will be followed during inspection and testing of grenades. Supervise and correct personnel helping you.

PERFORMANCE MEASURES

NOTE: When a critical defect is found during test and there is no apparent hazard to personnel continue the task. Continue the test even though you may find enough functional defects to reject the lot involved.

TASK 093-55X-3404 (Cont)

1. Select samples from storage, (para 2-2, SB 742-1 and SB for item being tested).
2. Complete items 1 thru 19, part I, DA Form 984 (para 2-7d, SB 742-1).
3. Make sure red flag and warning signs are displayed, and all access roads leading to the test area are blocked.
4. Visually inspect packing and samples (SB for item being tested).
5. Record condition of packing in part I, DA Form 984 (para 2-7d, SB 742-1).
6. Record all nonstandard conditions noted during visual inspection of samples on DA Form 984 (para 2-7d, SB 742-1).
7. Number samples and identify them as to the box from which they were taken (SB for item being tested).
8. Record box and sample numbers in part II, DA Form 984 (para 2-7d, SB 742-1).
9. Record weather conditions at test area in part II, DA Form 984 (para 2-7d, SB 742-1).
10. Enter reference, revision and date in part II, DA Form 984 (para 2-7d, SB 742-1).
11. Place grenade in pneumatic launcher.
12. Launch grenade.
13. Time the delay of the fuze.
14. Measure emission time (burning time) of smoke.

NOTE: When a dud occurs, a waiting time of 15 minutes will be observed before recovery and examination of item. If item cannot be refuzed and tested, it will be placed in a safe location and disposed of IAW SOP.

15. Record test results and complete DA Form 984.
16. Make out ammunition condition code (ACC) status change if required.
17. Make out DA Form 3782 if required.
18. Give DA Form 984 to the chief ammunition inspector for approval.
19. Send ACC status change and suspended notice to the suspense clerk for posting if required.

REFERENCES

AR 385 series; FM 9-38; TM 9-1300-206, TM 9-1330-200, TM 743-200-1; SB 700-1300-1; SB 742-1, SB 742-1330-94-12; APE manuals and SOP.

**TASK 093-55X-3405
TEST SMOKE HAND GRENADES**

CONDITIONS

You have been told to do a function test of a lot number of colored smoke hand grenades. This task will be done at the surveillance function test range in suitable weather. Help will be given in setting up test equipment, conducting test, observing test and recording test results. The following forms and publications will be available:

FORMS

1. DA Form 984 (Munition Surveillance Report).
2. DA Form 3151-R (Ammunition Stores Slip) or DA Form 4508 (Ammunition Transfer Record).
3. DA Form 3782 (Suspended Notice).
4. DA Form 2415 (Ammunition Condition Report).

PUBLICATIONS

1. FM 9-38.
2. TM 8-285.
3. TM 38-750.
4. SB 3-1300-3.
5. SB 700-1300-1.
6. SB 742-1.
7. SB 742-1330-94-7.
8. APE manuals.
9. SOP, Function testing hand grenades.

EQUIPMENT

1. APE 1922M1 (pneumatic launcher).
2. APE 1922M1-E004 (chemical grenade kit).
3. APE 1937 (personnel protective shelter).
4. Protective mask.
5. Leather or leather-palm gloves.
6. Explosive handler's uniforms.
7. Stopwatches.
8. Lanyards.
9. Warning signs.
10. Red flag.
11. Fire fighting equipment.
12. Telephone or two-way radio.
13. Clipboard.
14. Ballpoint pen.

STANDARDS

Do PM's correctly IAW FM 9-38, TM 8-285, TM 38-750, SB 3-1330-3, SB 700-1300-1, SB 742-1, SB 742-1330-94-7, APE manuals and SOP. All safety rules will be followed.

PERFORMANCE MEASURES

NOTE: When a critical defect is found during test and there is no apparent hazard to personnel continue the test. Continue with the test even though you may find enough functional defects to reject the lot involved.

TASK 093-55X-3405 (Cont)

1. Determine the number of samples to be inspected and tested.
2. Select samples from storage (para 2-2, SB 742-1 and SB for item being tested).
3. Complete items 1 thru 19, part I, DA Form 984 (para 2-7d, SB 742-1).
4. Make sure red flag and warning signs are displayed and all access roads leading to test area are blocked.
5. Perform a visual inspection of packing and samples.
6. Record condition of packing in items 20 thru 25, part I, DA Form 984 (para 2-7d, SB 742-1).
7. Record all nonstandard conditions noted during visual inspection of samples. Defects listed in appropriate SB will be recorded in item 8, part II, DA Form 984 (para 2-7d, SB 742-1). All other observations or nonstandard conditions will be entered in item 26, part I, DA Form 984 (para 2-7d, SB 742-1).
8. Number samples and identify them as to the box from which they were taken (para 2-7d, SB 742-1).
9. Record box and sample number in items 6 and 7, part II, DA Form 984 (para 2-7d, SB 742-1).
10. Record weather conditions at test area in items 1 thru 4, part II, DA Form 984 (para 2-7d, SB 742-1).
11. Enter references, revision and date in item 5, part II, DA Form 984 (para 2-7d, SB 742-1).
12. Secure lanyard in lockout box. Carry the key to lockout box at all times to prevent unauthorized opening.
13. Place grenade in pneumatic launcher and attach a line to the safety pin.
14. Open lockout box and pull lanyard. Check the grenade to be sure the safety pin has been withdrawn.
15. Launch grenade by opening quick release valve.
16. Use two stopwatches to time the fuze delay time.
17. Record delay time to nearest tenth of a second in the right column of item 8, part II, DA Form 984 (para 2-7d, SB 742-1).
18. Use two stopwatches to time the burning time of the smoke mixture (time from ignition to burnout). Note the color of the smoke.
19. Record the burning time and lag time in the right columns of item 8, part II, DA Form 984 (para 2-7d, SB 742-1).
20. Note on DA Form 984, if grenade failed to burn, was a flame, a short burner, a long burner, or gave off the wrong color smoke.

CAUTION: In the event of a dud grenade, a waiting period of 15 minutes will be observed before recovery.

21. Recover and examine the grenade to determine the cause of malfunction (appropriate SB).
22. Record all information pertinent to malfunction in item 11, part II, DA Form 984 (para 2-7d, SB 742-1).

TASK 093-55X-3405 (Cont)

23. Refuze and retest dud grenade, if starter mix is not consumed.

NOTE: Refuzing will be done by remote control.

24. Record lot number of fuze used in refuzing on DA Form 984 (appropriate SB and para 2-7d, SB 742-1).
25. Record retest results on DA Form 984 (para 2-7d, SB 742-1). If fuze delay time is excessive (do not use for determining serviceability status), it may indicate the beginning of fuze deterioration.
26. Classify each defect noted during inspection and test (para 2-7d, SB 742-1).
27. Enter an "X" in the defective severity column of items 9 and 10, opposite the sample number, part II, DA Form 984 (para 2-7d, SB 742-1).
28. Enter the total number of each defective classification for samples in item 12, part II, DA Form 984 (para 2-7d, SB 742-1).
29. Enter the nonfunctional code, functional code and the condition code recommended in item 13, part II, DA Form 984 (para 2-7d, SB 742-1).
30. Make out an ammunition condition code (ACC) status change using DA Form 3151-R or DA Form 4508. Follow procedures in para 3-16, FM 9-38 if a DA Form 3151-R is used or instructions in para 5.2.4.5.4, TM 743-200-1 if a DA Form 4805 is used.
31. Make out DA Form 3782 if ACC-J is recommended for the lot number (para 4-2b, SB 742-1).
32. Make out DA Form 2415 if required (TM 38-750).
33. Complete parts I and II, DA Form 984 (para 2-7d, SB 742-1).
34. Review reports for accuracy and completeness.
35. Give DA Form 984 and DA Form 2415 if prepared, to the chief ammunition inspector for review and approval.
36. Send ACC status change and suspended notice, if prepared, to the suspense clerk for posting.

REFERENCES

AR 385 series; FM 9-38; TM 8-285, TM 9-1330-200, TM 9-1330-200-12, TM 9-1330-200-34, TM 38-750, TM 743-200-1; SB 3-30, SB 3-1330-3, SB 700-1300-1, SB 742-1, SB 742-1330-94-7, APE manuals and SOP.

TASK 093-55X-3406
TEST INCENDIARY HAND GRENADES

CONDITIONS

You have been told to do a function test of a lot number of TH3 incendiary hand grenades. This task will be done at the surveillance function test range in suitable weather. Help will be given in setting up test equipment, conducting tests, observing tests and recording test results. The following forms and publications will be available:

- | FORMS | PUBLICATIONS |
|--|--|
| 1. DA Form 984 (Munition Surveillance Report). | 1. FM 9-38. |
| 2. DA Form 3151-R (Ammunition Stores Slip) or DA Form 4508 (Ammunition Transfer Record). | 2. TM 3-250. |
| 3. DA Form 3782 (Suspended Notice). | 3. TM 9-1330-200. |
| 4. DA Form 2415 (Ammunition Condition Report). | 4. TM 9-1330-200-12. |
| | 5. TM 9-1330-200-34. |
| | 6. TM 38-750. |
| | 7. TM 743-200-1. |
| | 8. SB 742-1. |
| | 9. SB 742-1330-94-8. |
| | 10. APE manuals. |
| | 11. SOP, Function testing of incendiary hand grenades. |

EQUIPMENT

- | | |
|---|--|
| 1. Stopwatch. | 10. Polarized (shade 2) protective lens. |
| 2. APE 1922 (pneumatic launcher). | 11. Fire fighting equipment. |
| 3. APE 1922-E004 (chemical grenade kit). | 12. First aid kit. |
| 4. APE 1937 (personnel protective shelter). | 13. Telephone or two-way radio. |
| 5. APE 1937-E004 (lanyard guide unit kit). | 14. Warning signs. |
| 6. Lanyards. | 15. Red flag. |
| 7. Leather or leather-palm gloves. | 16. Clipboard. |
| 8. Asbestos gloves. | 17. Ballpoint pen. |
| 9. Explosive handler's coveralls. | 18. Cargo vehicle. |
| | 19. Sample of a lot number of incendiary grenades. |

TASK 093-55X-3406 (Cont)

STANDARDS

Do PM's correctly IAW FM 9-38, TM 743-200-1, SB 700-1300-1, SB 742-1, SB 742-1330-38, and SOP. The testing of incendiary grenades must be conducted IAW provisions set forth in safety regulations and implementing instructions. Supervise and correct personnel helping you.

PERFORMANCE MEASURES

NOTE: When a critical defect is found during test and there is no apparent hazard to personnel continue the test. Continue with the function testing even though you may find enough functional defects to reject the lot involved.

1. Determine the number of samples required based on the quantity of lot (table I, SB 742-1330-94-8).
2. Select samples from storage (para 4d, SB 742-1330-94-8).
3. Complete items 1 thru 19, part I, DA Form 984 (para 2-7d, SB 742-1).
4. Make sure red flag and warning signs are displayed and all access roads leading to test area are blocked.
5. Visually inspect packing and samples (para 5, SB 742-1330-94-8).
6. Record condition of packing in item 20 thru 25, part I, DA Form 984 (para 2-7d, SB 742-1).
7. Record all nonstandard conditions noted during visual inspection of samples (table II, SB 742-1330-94-8). All other observations and non-standard conditions will be recorded in item 26, part I, DA Form 984 (para 2-7d, SB 742-1).
8. Number samples and identify them as to the box from which they were taken (para 2-7d, SB 742-1).
9. Record box and sample number in items 6 and 7, part II, DA Form 984 (para 2-7d, SB 742-1).
10. Record weather conditions at test area in items 1 thru 4, part II, DA Form 984 (para 2-7d, SB 742-1).
11. Enter reference, revision and date in item 5, part II, DA Form 984 (para 2-7d, SB 742-1).
12. Secure lanyard in lockout box. Carry key to the lockout box at all times to prevent unauthorized opening.
13. Place grenade in pneumatic launcher and attach line to the safety pin pull ring (para 6, SB 742-1330-94-8).

CAUTION: Make sure all personnel are in the shelter or behind barricades. Personnel conducting or observing the test should wear polarized (shade 2) protective lens for eye protection.

TASK 093-55X-3406 (Cont)

14. Open lockout box and pull lanyard until safety pin is withdrawn (para 6, SB 742-1330-94-8). Observe the grenade to be sure safety pin has been withdrawn.
15. Launch the grenade by opening the quick release valve (para 6, SB 742-1330-94-8).
16. Use a stopwatch to time the burning of the incendiary mix (para 6, SB 742-1330-94-8).
17. Record the burning time in right column of item 8, part II, DA Form 984 (para 2-7d, SB 742-1).

CAUTION: Personnel recovering or examining the burned residue must wear asbestos gloves.

18. Recover and examine expended grenades for completeness of burning (para 6, SB 742-1330-94-8). Refuzing and retesting will be done to determine the feasibility of reworking the lot, not for determining serviceability.
19. Record the incomplete burner in the right column of item 8, part II, DA Form 984 (para 6, SB 742-1330-94-8). An incomplete burner is one which the incendiary mix is not completely consumed.
20. Indicate in the right column of item 8, part II, DA Form 984, if grenade was a dud (para 2-7d, SB 742-1).

NOTE: In the event of a dud, a minimum waiting period of 15 minutes must be observed. The recovery, examination, defuzing and refuzing of dud grenades shall be done IAW safety regulations and the SOP.

21. Recover dud grenade and examine it to determine the cause of malfunction (para 6, SB 742-1330-94-8).
22. Record findings in item 11, part II, DA Form 984 (para 2-7d, SB 742-1).
23. Defuze and refuze grenade, if fuze seal is not ruptured (para 6, SB 742-1330-94-8).
24. Record lot number of fuze used to refuze grenade on DA Form 984 (para 2-7d, SB 742-1).
25. Retest grenade and record test results in part II, DA Form 984 (para 2-7d, SB 742-1).
26. Classify each defect noted during inspection and test (para 2-7d, SB 742-1).
27. Enter "X" in the right defective severity column of items 9 and 10, opposite the sample numbers, part II, DA Form 984 (para 2-7d, SB 742-1).
28. Enter the total number of each defective classification for samples in item 12, part II, DA Form 984 (para 2-7d, SB 742-1).
29. Enter the right nonfunctional code, functional code and the ammunition condition code (ACC) recommended in item 13, part II, DA Form 984 (para 2-7d, SB 742-1).

TASK 093-55X-3406 (Cont)

30. Make out an ACC status change using DA Form 3151-R or DA Form 4508 if condition code after test is other than that prior to test.
31. Make out DA Form 3782 for lot number recommended for ACC-J (para 4-2b, SB 742-1).
32. Fill out DA Form 2415 as required (para 7, SB 742-1330-94-8 and para 5-8, TM 38-750).
33. Complete parts I and II, DA Form 984 (para 2-7d, SB 742-1).
34. Review reports for completeness and accuracy.
35. Give DA Form 984 and DA Form 2415 to the chief ammunition inspector for review and approval.
36. Send ACC status change and suspended notice to the suspense clerk for posting.

REFERENCES

AR 385 series; FM 9-38; TM 9-1330-200, TM 9-1330-200-12, TM 9-1330-200-34, TM 38-750, TM 743-200-1; SB 700-1300-1, SB 742-1, SB 742-1330-94-8
APE manuals and SOP.

TASK 093-55X-3407
TEST HAND GRENADE FUZES

CONDITIONS

You have been told to do a function test of M204 series, M206 series, M213 or M215 hand grenade fuzes. This task will be done at the surveillance function test range in suitable weather. Help will be given in setting up test equipment, conducting tests, observing tests and recording test results. The following forms and publications will be available:

FORMS	PUBLICATIONS
1. DA Form 984 (Munition Surveillance Report).	1. SB 700-1300-1.
2. DA Form 3151-R (Ammunition Stores Slip) or DA Form 4508 (Ammunition Transfer Record).	2. SB 742-1.
3. DA Form 3782 (Suspended Notice).	3. SB 742-1330-51.
4. DA Form 2415 (Ammunition Condition Report).	4. SOP, Function testing grenade fuzes.

EQUIPMENT

1. APE 1901 (immersion tank).	9. APE 1917 (ammunition testing pressure gage).
2. APE 1903 (testing table).	10. Warning signs.
3. APE 1903-E002 (holding fixture).	11. Red flag.
4. Lanyards.	12. Fire fighting equipment.
5. Stopwatches.	13. Telephone or two-way radio.
6. APE 1906 (ignition tester).	14. Clipboards.
7. APE 1905 or 1937 (personnel protective shelter).	15. Ballpoint pen.
8. APE 1912 (cup-cased thermometer).	16. Samples of a lot number of grenade fuzes.
	17. Cargo vehicle.

STANDARDS

Do PM's correctly IAW AR 385 series, FM 9-38, TM 743-200-1, SB 700-1300-1, SB 742-1, SB 742-1330-51 and SOP. All safety rules will be observed. Supervise and correct personnel helping you.

PERFORMANCE MEASURES

NOTE: When a critical defect is found during test and there is no apparent hazard to personnel continue the test. Continue with the function testing even though you may find enough functional defects to reject the lot involved.

TASK 093-55X-3407 (Cont)

1. Select samples from storage (para 2-2, SB 742-1 and para 5, SB 742-1330-51).
2. Complete items 1 thru 19 of part I, DA Form 984 (para 2-7d, SB 742-1).
3. Make sure red flag and warning signs are displayed and all access roads leading to test area are blocked.
4. Visually inspect packing and samples (para 8, SB 742-1330-51).
5. Record all nonstandard conditions noted during visual inspection. Defects listed in para 11, SB 742-1220-51 will be recorded in item 8, part II, DA Form 984 (para 2-7d, SB 742-1). All other observations or nonstandard conditions will be recorded in item 26, part I, DA Form 984 (para 2-7d, SB 742-1).
6. Number fuzes 1 thru 30 and identify them as to the box from which they were taken (para 6, SB 742-1330-51).
7. Record box and sample number in items 6 and 7, part II, DA Form 984 (para 2-7d, SB 742-1).
8. Record weather conditions at test area in items 1 thru 4, part II, DA Form 984 (para 2-7d, SB 742-1).
9. Enter the reference, revision and date in item 5, part II, DA Form 984 (para 2-7d, SB 742-1).
10. Place all the fuzes in water at 70° F. $\pm 10^{\circ}$ F. (21.1° C. $\pm 5.6^{\circ}$ C.), for 30 minutes immediately before firing. Position the fuzes upright with the top of the fuzes about 6 to 9 inches below the water surface (para 6, SB 742-1330-51).
11. Perform safety pin pull tension test without aligning the mating holes using APE 1917 (para 7a, SB 742-1330-51).
12. Perform safety pin pull tension test with mating holes aligned using APE 1917 (para 7a, SB 742-1330-51).
13. Record tension required to withdraw safety pin in the right column of item 8, part II, DA Form 984 (para 2-7d, SB 742-1).
14. Perform static test of grenade fuze (para 7b, SB 742-1330-51).
15. Record results of static test of fuze in the right column of item 8, part II, DA Form 984 (para 2-7d, SB 742-1).
16. Classify each defect observed during inspection and test (para 9, SB 742-1330-51).
17. Enter an "X" in the right defective severity column opposite the sample number in items 9 and 10, IAW para 2-7d, SB 742-1.
18. Summarize functional defects by type and quantity in item 11, part II, DA Form 984 (para 2-7d, SB 742-1).
19. Enter the total of each type of defective samples 1 thru 24 in item 12, part II, DA Form 984 (para 2-7d, SB 742-1).
20. Enter the grand total for each type defective in item 12, part II, DA Form 984 (continuation sheet) (para 2-7d, SB 742-1).
21. Enter the right nonfunctional, functional, and condition code recommended in item 13, part II, DA Form 984 (continuation sheet) (para 2-7d, SB 742-1).

TASK 093-55X-3407 (Cont)

22. Make out an ammunition condition code (ACC) status change using DA Form 3151-R or DA Form 4508 (para 3-16, FM 9-38 and para 5.2.4.5.4, TM 743-200-1).
23. Make out DA Form 3782 (para 4-2b, SB 742-1), for lot number if ACC-J is recommended.
24. Complete parts I and II of DA Form 984.
25. Review reports for completeness and accuracy.
26. Send DA Form 984 to the chief ammunition inspector for review.

REFERENCES

AR 385 series; FM 9-38; TM 9-1330-200, TM 9-1330-200-34, TM 743-200-1; SB 700-1300-1, SB 742-1, SB 742-1330-51 and SOP.

TASK 093-55X-3408
TEST ANTI PERSONNEL MINES

CONDITIONS

You have been told to do a function test of a lot number of antipersonnel (AP) mines. This task will be done at the surveillance function test range in suitable weather. Help will be given in setting up test equipment, conducting tests, observing tests and recording test results. The following forms and publications will be available:

FORMS

1. DA Form 984 (Munition Surveillance Report).
2. DA Form 3151-R (Ammunition Stores Slip) or DA Form 4508 (Ammunition Transfer Record).
3. DA Form 3782 (Suspended Notice).
4. DA Form 2415 (Ammunition Condition Report).

PUBLICATIONS

1. AR 385 series.
2. FM 9-38.
3. TM 9-1345-200.
4. SB 700-1300-1.
5. SB 742-1345-1.
6. SB 742-1345-50.
7. SB 742-1345-94-444.
8. APE manuals for test equipment.
9. SOP, Function testing.
10. Function test schedule.

EQUIPMENT

1. APE 1901 (immersion tank).
2. APE 1903 (testing table).
3. APE 1907 (pressure testing release device).
4. APE 1912 (cup-cased thermometer).
5. APE 1920 (operational shields).
6. APE 1937 (personnel protective shelter).
7. APE 1940 (test fixture for AP mine M16).
8. Lead plate IAW para 7bl, SB 742-1345-50.
9. Metal block with 15/16 inch hole.
10. Lanyards.

11. Red flag.
12. Warning signs.
13. Telephone or two-way radio.
14. Fire fighting equipment.
15. First aid kit.
16. Explosive handler's coveralls.
17. Leather or leather-palm gloves.
18. Steel-toe safety shoes.
19. Samples of a lot number of AP mines.
20. Cargo vehicle.
21. Clipboards.
22. Ballpoint pens.

STANDARDS

Do PM's correctly IAW FM 9-38, TM 743-200-1, SB 700-1300-1, SB 742-1, other SB's and SOP for mine being tested. All safety rules will be followed. Supervise and correct personnel helping you.

TASK 093-55X-3408 (Cont)

PERFORMANCE MEASURES

NOTE: When a critical defect is found during test and there is no apparent hazard to personnel continue with the task. Continue with the function testing even though you may find enough functional defects to reject the lot involved.

1. Select samples from storage (para 4 and 5, SB 742-1345-50 and para 2-2, SB 742-1).
2. Complete items 1 thru 19, part I, DA Form 984 (para 2-2, SB 742-1).

CAUTION: Do not mark numbers on the blasting cap shell. Use numbered tags or tape to identify blasting cap.

3. Number sample units (mine and/or fuze firing mechanism, and primed coupling with attached blasting cap) 1 thru 40 and identify them as to the box from which they were taken (para 6, SB 742-1345-50).
4. Record box and sample numbers in item 6 and 7, part II, DA Form 984 (para 2-7d, SB 742-1).
5. Make sure red flag and warning signs are displayed and all access roads leading to test area are blocked.
6. Visually inspect packing and sample units (para 2-4c (4), SB 742-1).
7. Record condition of packing in items 20 thru 25, part I, DA Form 984 (para 2-7d, SB 742-1).
8. Record all observations of nonstandard conditions of sample units. Defects listed in para 10, SB 742-1345-50 will be recorded in the right column of item 8, part II, DA Form 984 (para 2-7d, SB 742-1). All other nonstandard conditions will be recorded in item 26, part I, DA Form 984 (para 2-7d, SB 742-1).

NOTE: The test will be done in two parts: static test of fuze firing mechanism and ballistic test of complete fuze.

9. Disassemble five mines and inspect the relay ignition housing and black powder bags, as applicable for evidence of corrosion, deterioration and condition of flash hole (applicable SB).
10. Record all nonstandard conditions observed in part II, DA Form 984 (para 2-7, SB 742-1).
11. Reassemble mines (appropriate SB).
12. Assemble fuze firing mechanism 21 thru 40 to mines and tighten sufficiently to insure waterproofing (appropriate SB).
13. Place assembled mines 21 thru 40 in water at 70° F. \pm 10° F. (21.1° C. \pm 5.6° C.) for 24 hours (appropriate SB).

TASK 093-55X-3408 (Cont)

NOTE: Samples 1 thru 20 will be tested first by pressure on the prongs, then followed by a test of tension on the release pin spring. Samples 21 thru 40 will be tested first for tension required on the release pin spring followed by a test of pressure on the prongs.

14. Secure lanyards and lockout box. Carry key to prevent unauthorized opening.
15. Place mine in fixture (APE 1940) and prepare mine for test (appropriate SB). The lanyard should be inclosed in conduit from the mine to the personnel shelter.

CAUTION: Be sure all personnel are inside shelter or behind a suitable barricade before opening lockout box.

16. Open lockout box and pull lanyard, arming and functioning mine (appropriate SB).
17. Observe burst of the mine (appropriate SB),
18. Record height of burst above ground to the nearest foot in the right column of DA Form 984.
19. Record all observations of nonstandard conditions and malfunctions (appropriate SB). The occurrence of nonstandard conditions or malfunctions classified as defects will be entered in item 8, part II, DA Form 984. All other occurrences of nonstandard conditions and malfunctions not classified as defects, but in your opinion merit consideration, will be reported in item 11, part II, DA Form 984 (appropriate SB and para 2-7d, SB 742-1).
20. Classify each defect noted during inspection and test (appropriate SB).
21. Enter an "X" in the right defective severity column of item 9 and 10, part II, DA Form 984 (para 2-7d, SB 742-1).
22. Enter the total number of each defect classification in item 12, part II, DA Form 984 (para 2-7d, SB 742-1).

NOTE: For purpose of grading the static test of fuze firing mechanism, consider only pressure readings of samples 1 thru 20 and the tension readings of 21 thru 40.

23. Make out DA Form 984 as required (para 2-7d, SB 742-1).
24. Make out an ammunition condition code (ACC) status change if required.
25. Make out DA Form 3782 for lot if ACC-J is recommended (para 4-2b, SB 742-1).
26. Review reports for completeness and accuracy.
27. Give completed DA Form 984 to the chief ammunition inspector for review and approval.
28. Send ACC status change and suspended notice, if prepared, to the suspense clerk for posting.

TASK 093-55X-3408 (Cont)

REFERENCES

AR 385 series; FM 9-38: TM 9-1345-200, TM 743-200-1; SB 700-1300-1,
SB 742-1, SB 742-1345-1, SB 742-1345-50, SB 742-1345-94-444;
APE manuals and SOP.

TASK 093-55X-3409
TEST MINE FUZES

CONDITIONS

You have been told to do a function test of a lot number of mine fuzes. This task will be done at the surveillance function test range in suitable weather. Help will be given in setting up test equipment, conducting tests, observing tests and recording test results. The following forms and publications will be available:

FORMS

1. DA Form 984 (Munition Surveillance Report).
2. DA Form 3151-R (Ammunition Stores Slip) or DA Form 4508 (Ammunition Transfer Record).
3. DA Form 3782 (Suspended Notice).
4. DA Form 2415 (Ammunition Condition Report).

PUBLICATIONS

1. AR 385 series.
2. FM 9-38.
3. TM 743-200-1.
4. SB 700-1300-1.
5. SB 742-1.
6. SB for fuze being tested.
7. APE manuals.
8. SOP, Function testing.
9. Function test forecast.

EQUIPMENT

1. APE 1901 (immersion tank).
2. APE 1903 (testing table).
3. APE 1907 (pressure testing device).
4. APE 1907-E002 (M6A1 fuze function test kit with cocking device).
5. APE 1909 (holding and fuze break-off fixture).
6. APE 1912 (cup-cased thermometer).
7. Lanyards.
8. Warning signs.

9. Red flag.
10. Telephone or two-way radio.
11. Fire fighting equipment.
12. First aid kit.
13. Clipboard.
14. Ballpoint pen.
15. Samples of a lot number of mine fuzes.
16. Cargo vehicle.

STANDARDS

Do PM's correctly IAW AR 385 series, FM 9-38, TM 743-200-1, SB 742-1, other SB's and SOP. All safety rules will be followed. Supervise and correct personnel helping you.

PERFORMANCE MEASURES

NOTE: When a critical defect is found during test and there is no apparent hazard to personnel continue the test. Continue with the function testing even though you may find enough functional defects to reject the lot involved.

TASK 093-55X-3409 (Cont)

1. Select samples from storage (para 2-2, SB 742-1 and SB for item being tested).
2. Complete items 1 thru 19, part I, DA Form 984 (para 2-7d, SB 742-1).
3. Make sure red flag and warning signs are displayed, and all access roads leading to the test area are blocked.
4. Visually inspect packing and samples (SB for item being tested).
5. Record condition of packing in part I, DA Form 984 (para 2-7d, SB 742-1).
6. Record all nonstandard conditions noted during visual inspection of samples. Defects listed in right manuals for item being tested will be recorded in item 8, part II, DA Form 984 (para 2-7d, SB 742-1). All other nonstandard conditions will be recorded in item 26, part I, DA Form 984 (para 2-7d, SB 742-1).
7. Number samples and identify them as to the box from which they were taken (SB for item being tested).
8. Record box and sample numbers in part II, DA Form 984 (para 2-7d, SB 742-1).
9. Record weather conditions at test area in part II, DA Form 984 (para 2-7d, SB 742-1).
10. Enter references, revision and date in part II, DA Form 984 (para 2-7d, SB 743-1).
11. Make sure samples 1 thru 20 receive no treatment before testing.
12. Place fuzes 21 thru 40 in water at 70° F. $\pm 10^{\circ}$ F. (21.6° C. $\pm 5.6^{\circ}$ C.) for 5 to 20 minutes. Place samples upright with the top of fuzes 6 to 9 inches below water level (appropriate SB).
13. Perform static test of each fuze firing mechanism by pressure on fuzes 1 thru 20.
14. Recock each firing mechanism after static test by pressure for fuzes 1 thru 20.
15. Record results of each static test by pressure for fuzes 1 thru 20 on DA Form 984.
16. Perform tension test for fuze firing mechanisms 1 thru 20.
17. Recock each firing mechanism after static test by tension for fuzes 1 thru 20.
18. Record results of each static test by tension for fuzes 1 thru 20 on DA Form 984.
19. Perform tension test of fuze firing mechanisms 21 thru 40.
20. Recock each firing mechanism after static test by tension for samples 21 thru 40.
21. Record results of each tension test for fuzes 21 thru 40 on DA Form 984.
22. Perform static test of each fuze firing mechanism by pressure for fuzes 21 thru 40.
23. Recock each firing mechanism after static test by pressure for fuzes 21 thru 40.
24. Record results of each pressure test for fuzes 21 thru 40 on DA Form 984.

TASK 093-55X-3409 (Cont)

25. Perform dry phase of ballistics test for samples 1 thru 20.
26. Record results of each sample ballistics test during dry phase on DA Form 984.

NOTE: Wet phase cannot be done when temperature is at freezing or below.

27. Perform wet phase of ballistics test for samples 21 thru 40.
28. Record results of each sample ballistic test during wet phase on DA Form 984.
29. Make out DA Form 984 as required.
30. Make out an ammunition condition code (ACC) status change if required.
31. Fill out DA Form 3782 if required.
32. Review all documents and reports to make sure they are complete and accurate.
33. Send ACC status change and suspended notice to the suspense clerk for posting if required.
34. Give DA Form 984 to the chief ammunition inspector for review and approval.

REFERENCES

AR 385 series; FM 9-38; TM 743-200-1; SB 700-1300-1, SB 742-1, SB for items being tested; APE manuals and SOP.

TASK 093-55X-3410
TEST GROUND ILLUMINATING SIGNALS

CONDITIONS

You are an ammunition inspector and have been told to do a function test of a lot number of ground illumination signal, star cluster, M125 series, M158 or M159, or ground illumination signal, parachute M126 series or M127 series. This task will be done at the surveillance function test range in suitable weather. This task will not be done when wind velocity exceeds 15 mph, during an electrical, rain or snow storm, or during any other weather condition that might make observations inaccurate. Help will be given in setting up test equipment (APE), preparing signals for test, conducting test, observing test, and recording test results. The following forms and publications will be available:

FORMS

1. DA Form 984 (Munition Surveillance Report).
2. DA Form 3151-R (Ammunition Stores Slip) or DA Form 4508 (Ammunition Transfer Record).
3. DA Form 3782 (Suspended Notice).
4. DA Form 2415 (Ammunition Condition Report).

PUBLICATIONS

1. AR 385 series.
2. FM 9-38.
3. TM 9-1370-203-12.
4. TM 743-200-1.
5. SB 700-1300-1.
6. SB 742-1.
7. SB 742-1370-30.
8. SB 742-1370-31.
9. APE manuals.
10. SOP, Function testing signals.
11. Function test forecast.

EQUIPMENT

1. APE 1901 (immersion tank).
2. APE 1938 (low temperature chamber).
3. Stopwatches.
4. APE 1908 (altitude and drift measuring device).
5. APE 1912 (cup-cased thermometer).
6. APE 1914 (anemometer).
7. APE 1915 (wind speed indicator).
8. APE 1918 (holding device for ground signal).
9. APE 1918 (test kit for M125, M126 and M127 signals).
10. APE 1937 (personnel protective shelter).
11. APE 1916 (preconditioning oven).
12. Samples of a lot number of signals.
13. Cargo vehicle.
14. Telephone or two-way radio.
15. Warning signs.
16. Red flag.
17. Fire fighting equipment.
18. Leather or leather-palm gloves.
19. Explosive handler's coveralls.
20. Hard hats.
21. Steel-toe shoes.
22. Clean rags.
23. Clipboards.
24. Ballpoint pens.

TASK 093-55X-3410 (Cont)

STANDARDS

Do PM's correctly IAW AR 385 series, FM 9-38, TM 743-200-1, SB 700-1300-1, SB 742-1, SB 742-1370-30, SB 742-1370-31, and SOP. All safety rules will be followed. Supervise and correct personnel helping you.

PERFORMANCE MEASURES

NOTE: When a critical defect is found during inspection or test and there is no apparent hazard to personnel continue the test. Continue with the function testing even though you may find enough functional defects to reject the lot involved.

1. Select samples from storage (para 4 and 5, SB 742-1370-30 or para 4 and 5, SB 742-1370-3, and para 2-2 SB 742-1).
2. Complete items 1 thru 19, part I, DA Form 984 (para 2-7d, SB 742-1).
3. Number samples 1 thru 60 and identify them as to the box from which they were taken (para 6a, SB 742-1370-30 or para 6a, SB 742-1370-31).
4. Record box and sample number in part II, DA Form 984 (para 2-7d, SB 742-1).
5. Visually inspect packing and samples (para 2-2, SB 742-1).
6. Make sure red flag and warning signs are displayed and all access roads leading to the test area are blocked.
7. Record condition of packing in part I, DA Form 984 (para 2-7d, SB 742-1).
8. Record all nonstandard conditions noted during visual inspection of samples. Defects listed in para 10, SB 742-1370-30 or para 10, SB 742-1370-31 shall be recorded in the right column of item 8, part II, DA Form 984 (para 2-7d, SB 742-1). All other nonstandard conditions will be recorded in item 26, part I, DA Form 984 (para 207d, SB 742-1).
9. Place all signals in water at 70° F. \pm 10° F. (21.6° C. \pm 5.6° C.) using APE 1901 and 1912 (para 6b, SB 742-1370-31). Do not remove the signals from their containers. Position signals on their side 6 to 9 inches below the water surface.
10. Remove signals from the water and wipe dry (para 6b, SB 742-1370-30 or para 6b, SB 742-1370-31).
11. Temperature condition signals 1 thru 20 for 24 hours at 160° F. \pm 10° F. (59.6° C. \pm 5.6° C.) using a preconditioning oven (para 6c, SB 742-1370-30 or para 6c, SB 742-1370-31).
12. Temperature condition signals 21 thru 40 for 24 hours at 70° F. \pm 10° F. (21.6° C. \pm 5.6° C.) using a preconditioning oven (para 6d, SB 742-1370-30 or para 6d, SB 742-1370-31).
13. Temperature condition signals 41 thru 60 for 24 hours at -65° F. \pm 10° F. (-18.3° C. \pm 5.6° C.) using a low temperature chamber (para 6e, SB 742-1370-30 or para 6e, SB 742-1370-31).

TASK 093-55X-3410 (Cont)

NOTE: Testing of signals will be done as soon as possible after temperature conditioning.

14. Prepare signals for test using APE 1918 and APE 1918-E001 (para 7, SB 742-1370-30 or para 7, SB 742-1370-31). APE 1918-E001 will be used when testing signals M125, M126 or M127.
15. Launch the signal (para 7, SB 742-1370-30 or para 7, SB 742-1370-31).
16. Determine functioning altitude using the altitude and drift measuring device (para 8a, SB 742-1370-30 or 8a, SB 742-1370-31). Functioning altitude is the point at which the first trace of light is seen.
17. Record functioning altitude, to the nearest foot, in the right column of item 8, part II, DA Form 984 (para 2-7d, SB 742-1).
18. Determine the angle of functioning using the altitude and drift measuring device (para 8b, SB 742-1370-30 or para 8b, SB 742-1370-31).
19. Record the angle of functioning to the nearest degree in the right column of item 8, part II, DA Form 984 (para 2-7d, SB 742-1).

NOTE: PM's 20 and 21 apply only to signals M126 series or M127 series.

20. Use stopwatches to time burning of star in the air (para 8c, SB 742-1370-31). Burning time is the time during which the illumination is large enough to be easily seen, and the color is easy to identify.
21. Record the burning time to the nearest tenth of a second in the right column of item 8, part II, DA Form 984 (para 2-7d, SB 742-1).

NOTE: PM's 22 thru 25 apply only to signals M125 series, M158 or M159.

22. Time the burning during which three or more stars burn in the air (para 8c, SB 742-1370-30).
23. Record the burning time of the three or more stars to the nearest tenth of a second in the right column of item 8, part II, DA Form 984 (para 2-7d, SB 742-1).
24. Time the burning during which only one or two stars burn in the air when three or more ignite (para 8d, SB 742-1370-30).
25. Enter the burning time of the one or two stars to the nearest tenth of a second in the right column of item 8, part II, DA Form 984 (para 2-7d, SB 742-1).
26. Record all nonstandard conditions and malfunctions noted (para 8d, SB 742-1370-30 or para 8d, SB 742-1370-31). The occurrence of all nonstandard conditions or malfunctions classified as defects in para 11, SB 742-1370-30 or para 11, SB 742-1370-31 will be entered in the right column of item 8, part II, DA Form 984 (para 2-7d, SB 742-1). All other occurrences of nonstandard conditions or malfunctions not listed in para 11, SB 742-1370-30 or para 11, SB 742-1370-31 will be entered in item 11, part II, DA Form 984 (para 2-7d, SB 742-1).

TASK 093-55X-3410 (Cont)

27. Classify each defect noted during inspection and test (para 9, SB 742-1370-30 or para 9, SB 742-1370-31).
28. Enter an "X" in the right defective severity column of items 9 and 10, part II, DA Form 984 (para 2-7d, SB 742-1).
29. Enter total number of each defective classification in item 12, part II, DA Form 984 (para 2-7d, SB 742-1).
30. Enter the right nonfunctional code, functional code, and condition recommended in item 13, part II, DA Form 984 (para 12, SB 742-1370-30 or para 12, SB 742-1370-31).
31. Fill out an ammunition condition code (ACC) status change using DA Form 3151-R or DA Form 4508. When using a DA Form 3151-R, follow paragraph 6-13, FM 9-38 and when preparing DA Form 4508 follow paragraph 5.2.4.5.4, TM 743-200-1.
32. Fill out DA Form 3782 for lot number if ACC-J is recommended (para 4-2b, SB 742-1).
33. Complete parts I and II, DA Form 984 (para 2-7d, SB 742-1).
34. Review reports to make sure they are complete and accurate.
35. Give completed DA Form 984 to the chief ammunition inspector for review and approval.
36. Send ACC status change and suspended notice to the suspense clerk for posting.

REFERENCES

AR 385 series; FM 9-38; TM 9-1300-206, TM 9-1370-203-12, TM 743-200-1; SB 700-1300-1, SB 742-1, SB 742-1370-30, SB 742-1370-31; APE manuals and SOP.

TASK 093-55X-3411
TEST AIRCRAFT ILLUMINATION SIGNALS

CONDITIONS

You have been told to do a function test of a lot number of double star aircraft signals AN-M37 series thru AN-M42 series; single star aircraft signals AN-M43A1, AN-M43A2, AN-M45A1, AN-M45A2 or aircraft signal with tracer AN-M53 series thru AN-M58 series. This task will be done at the surveillance function test range when the wind velocity does not exceed 15 mph. Help will be given in setting up test equipment, conducting tests, observing tests and recording test results. The following forms and publications will be available:

FORMS

1. DA Form 984 (Munition Surveillance Report).
2. DA Form 3151-R (Ammunition Stores Slip) or DA Form 4508 (Ammunition Transfer Record).
3. DA Form 3782 (Suspended Notice).
4. DA Form 2415 (Ammunition Condition Report).

PUBLICATIONS

1. AR 385 series.
2. FM 9-38.
3. TM 9-1370-203-12.
4. TM 743-200-1.
5. SB 700-1300-1.
6. SB 742-1.
7. SB 742-1370-10.
8. SB 742-1370-11.
9. SB 742-1370-12.
10. APE manuals.
11. SOP, Function testing signals.

EQUIPMENT

1. APE 1901 (immersion tank).
2. APE 1902 (holding device).
3. APE 1908 (plotting and measuring set).
4. APE 1912 (cup-cased thermometer).
5. APE 1914 (anemometer).
6. APE 1915 (wind speed indicator).
7. APE 1937 (personnel protective shelter).
8. Stopwatches.
9. Pyrotechnic pistol (AN-M8).
10. Telephone or two-way radio.
11. Warning signs.

12. Red flag.
13. First aid kit.
14. Fire fighting equipment.
15. Leather or leather-palm gloves.
16. Explosive handler's coveralls.
17. Hard hats.
18. Steel-toe shoes.
19. Clean rags.
20. Samples of a lot number of aircraft signals.
21. Cargo vehicle.
22. Clipboards.
23. Ballpoint pens.

TASK 093-55X-3411 (Cont)

STANDARDS

Do PM's correctly IAW AR 385 series, FM 9-38, TM 743-200-1, SB 700-1300-1, SB 742-1, SB 742-1370-10, SB 742-1370-11, SB 742-1370-12 and related technical publications. All safety rules will be followed. Supervise and correct personnel helping you.

PERFORMANCE MEASURES

NOTE: When a critical defect is found during inspection or test and there is no apparent hazard to personnel continue the test. Continue with the function testing even though you may find enough functional defects to reject the lot involved.

1. Select samples from storage (para 4 and 5, SB 74-1370-10, SB 74-1370-11, or SB 742-1370-12 and para 2-2, SB 742-1).
2. Complete items 1 thru 19, part I, DA Form 984 (para 2-7d, SB 742-1).
3. Number samples 1 thru 40 and identify them as to the box from which they were taken (para 6a, SB 742-1370-10, SB 742-1370-11, or SB 742-1370-12).
4. Record the box and sample number in items 6 and 7, part II, DA Form 984 (para 2-7d, SB 742-1).
5. Make sure the red flag and warning signs are displayed and all access roads leading to test area are blocked.
6. Visually inspect packing and signals (para 2-2 and 2-4c, SB 742-1).
7. Record condition of packing in item 20 thru 25, part I, DA Form 984 (para 2-7d, SB 742-1).
8. Record all nonstandard conditions noted during visual inspection of samples. Defects listed in para 10 of SB 742-1370-10, SB 742-1370-11, or SB 742-1370-12 will be entered in the right column of items 8, part II, DA Form 984 (para 2-7d, SB 742-1). All other nonstandard conditions will be recorded in item 26, part I, DA Form 984 (para 2-7d, SB 742-1).
9. Place signals 1 thru 20 with their lead foil bags, if present, in water at 70° F. $\pm 10^{\circ}$ F. (21.6° C. $\pm 5.6^{\circ}$ C.) for 2 hours using APE 1901 and APE 1912 (para 6b, SB 742-1370-10, SB 742-1370-11, or SB 742-1370-12).
10. Remove signals from the water and wipe dry (para 6b, SB 742-1370-11 or SB 742-1370-12).

NOTE: Signals must be tested within 2 hours after removing from water. Signals 21 thru 40 will receive no treatment before testing.

11. Mount the pyrotechnic pistol AN-M8 upright on the holding device APE 1902 (para 7, SB 742-1370-10, SB 742-1370-11 or SB 742-1370-12).

TASK 093-55X-3411 (Cont)

12. Place signal in pyrotechnic pistol (para 7, SB 742-1370-10, SB 742-1370-11, or SB 742-1370-12).

NOTE: Signals with bulged, split, bent, cracked, or otherwise damaged cases will not be fired but will be reported by type of defect.

13. Launch signals (para 7, SB 742-1370-10, SB 742-1370-11, or SB 742-1370-12).

NOTE: PM's 14 thru 19 apply only to signals AN-M43A1, AN-M43A2, AN-M44A1, AN-M44A2, AN-M45A1, and AN-M45A2.

14. Use a stopwatch to time the burning of the star in the air to the nearest tenth of a second (para 8a, SB 742-1370-10).
15. Enter the burning time of the stars in the right column of item 8, part II, DA Form 984 (para 8a, SB 742-1370-10).
16. Evaluate the light intensity of the stars as good, fair or poor (para 8b, SB 742-1370-10).
17. Record evaluation of light intensity in the right column of item 8, part II, DA Form 984 (para 2-7d, SB 742-1).
18. Use the plotting and measuring set to determine maximum altitude of star to the nearest foot (para 8c, SB 742-1370-10).
19. Record altitude of star in the right column of item 8, part II, DA Form 984 (para 2-7d, SB 742-1). If the signal case is projected, the lower altitude reached by either the star or the signal case must be recorded.

NOTE: PM's 20 thru 27 apply only to signals AN-M37 series thru AN-M42 series.

20. Use a stopwatch to time the burning of the first star in the air to the nearest tenth of a second (para 8a, SB 742-1370-11).
21. Enter the burning time of the first star in the right column of item 8, part II, DA Form 984 (para 2-7d, SB 742-1).
22. Use a stopwatch to time the burning of the second star in the air to the nearest tenth of a second (para 8b, SB 742-1370-11).
23. Enter the burning time of the second star in the right column of item 8, part II, DA Form 984 (para 2-7d, SB 742-1).
24. Evaluate light intensity of stars as good, fair, or poor (para 8c, SB 742-1370-11).
25. Record evaluation of light intensity of stars in the right columns of item 8, part II, DA Form 984.
26. Determine maximum altitude of the lower two stars using the plotting and measuring set (para 8d, SB 742-1370-11).
27. Record the altitude of lower two stars in the right column of item 8, part II, DA Form 984 (para 2-7d, SB 742-1). If the signal case is projected, the lower altitude reached by either the signal case or the stars must be recorded.

TASK 093-55X-3411 (Cont)

NOTE: PM's 28 thru 37 apply only to signals AN-M53 series thru AN-M58 series.

28. Use a stopwatch to time the burning of the tracer from ignition to burnout to the nearest tenth of a second (para 8b, SB 742-1370-12). Estimate the burning time on the ground, if any.
29. Enter the burning time of the tracer in the right column of item 8, part II, DA Form 984 (para 2-7d, SB 742-1).
30. Use a stopwatch to time the burning of each star in the air to the nearest tenth of a second (para 8b, SB 742-1370-12).
31. Record burning time of each star in the right column of item 8, part II, DA Form 984 (para 2-7d, SB 742-1).
32. Determine the time interval (-) or overlap (+) between the burnout of the tracer and ignition of first star (para 8c, SB 742-1370-12).
33. Record the interval or overlap time between burnout of tracer and ignition of first star (para 2-7d, SB 742-1).
34. Use the plotting and measuring set to determine the maximum altitude to the nearest foot of the lower component of the signal, either tracer or star (para 8e, SB 742-1370-12).
35. Record maximum altitude of the lower component in the right column of item 8, part II, DA Form 984 (para 2-7d, SB 742-1). If the signal case is projected, the altitude reached by either the signal case or the component must be recorded.
36. Evaluate light intensity of star as good, fair, or poor (para 8d, SB 742-1370-12).
37. Record evaluation of light intensity of star in the right column of item 8, part II, DA Form 984 (para 2-7d, SB 742-1).
38. Record all nonstandard conditions and malfunctions noted (para 8d, SB 742-1370-10, SB 742-1370-11, or SB 742-1370-12). The occurrence of nonstandard conditions or malfunctions classified as defects in para 11 of appropriate SB will be entered in item 8, part II, DA Form 984 (para 2-7d, SB 742-1). All other occurrences of non-standard conditions or malfunctions not classified as defects, but in your opinion merit consideration, will be recorded in item 11, part II, DA Form 984 (para 2-7d, SB 742-1).
39. Enter an "X" in the right defective severity column of items 9 and 10, part II, DA Form 984 (para 2-7d, SB 742-1).
40. Enter total number of each defective classification in item 12, part II, DA Form 984 (para 2-7d, SB 742-1).
41. Enter the right nonfunctional code, functional code, and condition code recommended in item 13, part II, DA Form 984 (para 12, SB 742-1370-10, SB 742-1370-11, SB 742-1370-12, and SB 700-1300-1).
42. Make out an ammunition condition code (ACC) status change using DA Form 3151-R or DA Form 4508 (para 3-16, FM 9-38 or 5.2.4.5.4, TM 743-200-1).
43. Make out DA Form 3782 if lot is recommended for ACC-J (para 4-2b, SB 742-1).

TASK 093-55X-3411 (Cont)

44. Complete parts I and II, DA Form 984 (para 2-7d, SB 742-1).
45. Review reports to make sure they are complete and accurate.
46. Give completed DA Form 984 to the chief ammunition inspector for review and approval.
47. Send ACC status change and suspended notice, if prepared, to the suspense clerk for posting.

REFERENCES

AR 385 series; FM 9-38; TM 9-1300-206, TM 9-1370-12, TM 743-200-1; SB 700-1300-1, SB 742-1, SB 742-1370-10, SB 742-1370-11, SB 742-1370-12; APE manuals and SOP.

TASK 093-55X-3412
TEST GROUND SMOKE SIGNALS

CONDITIONS

You have been told to do a function test of a lot number of ground smoke signals. This task will be done at the surveillance function test range in suitable weather. Do not test signals when the wind velocity exceeds 15 mph, or during weather conditions that may make observations inaccurate. Help will be given in setting up test equipment, conducting tests, observing tests and recording test results. The following forms and publications will be available:

FORMS

1. DA Form 984 (Munition Surveillance Report).
2. DA Form 3151-R (Ammunition Stores Slip) or DA Form 4508 (Ammunition Transfer Report).
3. DA Form 3782 (Suspended Notice).
4. DA Form 2415 (Ammunition Condition Report).

PUBLICATIONS

1. AR 385 series.
2. FM 9-38.
3. TM 743-200-1.
4. SB 700-1300-1.
5. SB 742-1.
6. SB for signals being tested.
7. APE manuals.
8. SOP, Function testing.
9. Function test forecast.

EQUIPMENT

1. APE 1901 (immersion tank).
2. APE 1902 (holding device).
3. APE 1902-E001 (mount kit M1 or M4 rifle).
4. APE 1908 (measuring device, altitude and drift).
5. APE 1912 (cup-cased thermometer).
6. APE 1914 (anemometer).
7. APE 1915 (wind speed indicator).
8. APE 1916 (preconditioning oven).
9. APE 1918 (holding device).
10. APE 1918-E001 (test kit M125, M126 and M127 signals).
11. APE 1938 (low temperature chamber).
12. Warning signs.
13. Red flag.
14. Telephone or two-way radio.
15. Fire fighting equipment.
16. First aid kit.
17. Clipboard.
18. Ballpoint pen.
19. Samples of a lot number of signals.
20. Cargo vehicle.

STANDARDS

Do PM's correctly IAW AR 385 series, FM 9-38, TM 743-200-1, SB 700-1300-1, SB 742-1, SB for item being tested, and SOP. All safety rules will be followed. Supervise and correct personnel helping you.

TASK 093-55X-3412 (Cont)

PERFORMANCE MEASURES

NOTE: When a critical defect is found during test and there is no apparent hazard to personnel continue with the task. Go on with the function testing even though you may find enough functional defects to reject the lot involved.

1. Select samples from storage (para 2-2, SB 742-1 and SB for item being tested).
2. Complete items 1 thru 19, part I, DA Form 984 (para 2-7d, SB 742-1).
3. Make sure red flag and warning signs are displayed and all access roads leading to test area are blocked.
4. Visually inspect packing and samples (SB for item being tested).
5. Record condition of packing in part I, DA Form 984 (para 2-7d, SB 742-1).
6. Record all nonstandard conditions noted during visual inspection of samples. Defects listed in manuals for item being tested will be recorded in item 8, part II, DA Form 984 (para 2-7d, SB 742-1). All other observations and nonstandard conditions will be recorded in item 26, part I, DA Form 984 (para 2-7d, SB 742-1).
7. Number samples and identify them as to the box from which they were taken (SB for item being tested).
8. Record box and sample numbers in part II, DA Form 984 (para 2-7d, SB 742-1).
9. Record weather conditions at test area in part II, DA Form 984 (para 2-7d, SB 742-1).
10. Enter reference, revision and date in part II, DA Form 984 (para 2-7d, SB 742-1).
11. Place the 60 signals (without being removed from metal containers) in water at 70° F. \pm 10° F. (21.6° C. \pm 5.6° C.) for 15 to 20 minutes.
12. Remove from water and wipe signals dry.
13. Place samples 1 thru 20 in preconditioning oven for 24 hours at 160° F. \pm 10° F. (56.9° C. \pm 5.6° C.).
14. Place samples 21 thru 40 in preconditioning oven for 24 hours at 70° F. \pm 10° F. (21.6° C. \pm 5.6° C.).
15. Place samples 41 thru 60 in low temperature chamber for 24 hours at -65° F. \pm 10° F. (-18.3° C. \pm 5.6° C.).
16. Launch the signals vertically as soon as possible after temperature conditioning.
17. Measure to the nearest foot, the function altitude (point at which first trace of smoke is observed).
18. Measure to the nearest degree the vertical angle (angle between vertical line from point of launch and a line from the point of launch to the point of functioning).
19. Measure smoke emission time to the nearest tenth of a second.
20. Record results and complete DA Form 984 as required.

TASK 093-55X-3412 (Cont)

21. Make out an ammunition condition code (ACC) status change if required.
22. Make out DA Form 3782 if required.
23. Review all records and reports to make sure they are complete and accurate.
24. Send ACC status change and suspended notice to the suspense clerk.
25. Give DA Form 984 to the chief ammunition inspector for review and approval.

REFERENCES

AR 385 series; FM 9-38; TM 743-200-1; SB 700-1300-1, SB 742-1, SB 742-1370-16, SB 742-1370-54, SB 742-1370-94-453, APE manuals and SOP.

TASK 093-55X-3413
TEST WP SMOKE GRENADES

CONDITIONS

You have been told to do a function test on a lot number of WP smoke grenades, M16, or M34. This task will be done at the surveillance function test range. Help will be given in setting up test equipment, conducting tests, observing tests and recording test results. The following forms and publications will be available:

- | FORMS | PUBLICATIONS |
|--|--|
| 1. DA Form 984 (Munition Surveillance Report). | 1. AR 385 series. |
| 2. DA Form 3151-R (Ammunition Stores Slip) or DA Form 4508 (Ammunition Transfer Record). | 2. FM 9-38. |
| 3. DA Form 3782 (Suspended Notice). | 3. TM 3-250. |
| 4. DA Form 2415 (Ammunition Condition Report). | 4. TM 8-285. |
| | 5. TM 9-1330-200. |
| | 6. TM 743-200-1. |
| | 7. SB 3-30. |
| | 8. SB 3-1330-1. |
| | 9. SB 3-1330-2. |
| | 10. APE manuals for test equipment. |
| | 11. SOP, Function testing hand grenades. |

EQUIPMENT

- | | |
|---|---|
| 1. APE 1917 (ammunition testing pressure gage). | 11. Explosive handler's coveralls. |
| 2. APE 1922 (grenade testing pneumatic launcher). | 12. Protective mask. |
| 3. APE 1922-E004 (chemical grenade kit). | 13. WP first aid kit. |
| 4. APE 1937 (personnel protective shelter). | 14. Fire fighting equipment. |
| 5. APE 1937-E001 (periscope and step stool kit). | 15. Demolition equipment and accessories. |
| 6. APE 1937-E004 (lanyard guide unit kit). | 16. Demolition charges. |
| 7. Lanyards. | 17. Blasting caps. |
| 8. Container filled with water large enough to submerge a leaking WP grenade. | 18. Time fuse. |
| 9. Leather or leather-palm gloves. | 19. Fuse lighters. |
| 10. Flameproof gloves. | 20. Stopwatches. |
| | 21. Warning signs. |
| | 22. Red flag. |
| | 23. Telephone or two-way radio. |
| | 24. Samples, lot number of grenades. |
| | 25. Cargo vehicle. |
| | 26. Clipboard. |
| | 27. Ballpoint pen. |

TASK 093-55X-3413 (Cont)

STANDARDS

Do PM's correctly IAW AR 385 series, FM 9-38, TM 743-200-1, SB 3-1330-1, SB 3-1330-2, SB 700-1300-1, SB 742-1 and SOP. All safety rules must be followed. Supervise and correct personnel helping you.

PERFORMANCE MEASURES

NOTE: When a critical defect is found during test, and there is no apparent hazard to personnel continue the test. Go on with the function testing even though you may find enough functional defects to reject the lot involved.

1. Determine the number of samples to be inspected and tested (table 1, SB 3-1330-1 or table 1, SB 3-1130-2).
2. Select samples from storage.
3. Complete items 1 thru 19 of part I, DA Form 984 (para 2-7d, SB 742-1).

WARNING: Exercise extreme caution while performing surveillance on white phosphorus filled munitions. An exploding grenade will scatter white phosphorus particles over a large area. White phosphorus, when exposed to air, will ignite spontaneously and can result in severe burns and fires.

4. Make sure red flag and warning signs are displayed and all access roads leading to test area are blocked.
5. Visually inspect packing and samples (para 5, SB 3-1330-1 or para 5, SB 3-1330-2).
6. Record condition of packing in items 20 thru 25, part I, DA Form 984 (para 2-7d, SB 742-1).
7. Record all nonstandard conditions noted during visual inspection of samples. Defects listed in tables 2 and 3, SB 3-1330-1 or tables 2 and 3, SB 3-1330-2, will be recorded in item 8, part II, DA Form 984 (para 2-7d, SB 742-1). All other observations and nonstandard conditions will be recorded in item 26, part I, DA Form 984 (para 2-7d, SB 742-1).
8. Number samples and identify them as to the box from which they were taken (para 2-7d, SB 742-1).
9. Record box and sample number in items 6 and 7, part II, DA Form 984 (para 2-7d, SB 742-1).
10. Record weather conditions at test area immediately before testing in item 1 thru 4 of part II, DA Form 984 (para 2-7d, SB 742-1).
11. Record the ambient temperature and humidity for each succeeding hour of test in item 11, part II, DA Form 984 (para 2-7d, SB 742-1).
12. Enter reference, revision and date in item 5, part II, DA Form 984 (para 2-7d, SB 742-1).

TASK 093-55X-3413 (Cont)

WARNING: Personnel will stay behind barricades or in protective shelter and upwind from impact area during testing of live grenades. Barricades and protective shelter will be a minimum distance of 50 feet from point of grenade detonation.

13. Secure lanyard in lockout box. Carry key to lockout box at all times to prevent unauthorized opening.
14. Attach tension recording scale to lanyard and to line which will be connected to the safety pin pull ring (para 6, SB 3-1130-1 or para 6, SB 3-330-2). Make sure all personnel are behind barricade or in the shelter.
15. Place grenade in pneumatic launcher and attach line from tension recording scale to the safety pin pull ring (para 6, SB 3-1330-1 or para 6, SB 3-1330-2). Make sure that all personnel are behind a barricade or in the shelter.
16. Open lockout box and pull lanyard until safety pin is withdrawn (para 6, SB 3-1330-1 or para 6, SB 3-1330-2). Check the grenade to be sure the safety pin has been withdrawn.
17. Launch the grenade by opening the quick release valve (para 6, SB 3-1330-1 or para 6, SB 3-1330-2).
18. Use two stopwatches to time the delay from release of the fuze lever to the instant the grenade bursts (para 6, SB 3-1330-1 and para 6, SB 3-1330-2).
19. Record the delay time to the nearest tenth of a second, in the right column of item 8, part II, DA Form 984 (para 2-7d, SB 742-1).
20. Observe the burst and condition of grenade (para 6, SB 3-1330-1 or para 6, SB 3-1330-2).

CAUTION: In the event of a dud grenade, a minimum waiting period of 30 minutes must be observed. All personnel must stay in the protective shelter or behind the barricade during this period (para 6, SB 3-1330-1 or para 6, SB 3-1330-2).

21. Note in the right column of item 8, part II, DA Form 984 if grenade was a dud.
22. Destroy dud grenade in place. Procedures for destroying dud grenades are contained in SOP for function testing grenades and must be followed.
23. Read the tension recording scale and record the tension required to withdraw the safety pin in the right column of item 8, part II, DA Form 984 (para 6, SB 3-1330-1 or para 6, SB 3-1330-2 and para 2-7d, SB 742-1).
24. Classify each defect noted during inspection and test (para 2-7d, SB 742-1 and table 2, SB 3-1330-1 or table 2, SB 3-1330-2).
25. Enter total number of defects noted for each sample in the right column of items 9 and 10, part II, DA Form 984 (para 2-7d, SB 742-1).

TASK 093-55X-3413 (Cont)

26. Enter the total number of each type defect for samples in item 12, part II, DA Form 984 (para 2-7d, SB 742-1).
27. Enter the right nonfunctional code, functional code and ammunition condition code (ACC) recommended for lot number in item 13, part II, DA Form 984 (para 2-7d, SB 742-1).
28. Make out an ACC status change using DA Form 3151-R or DA Form 4508. Procedures in para 6-13, FM 9-38 will be followed if a DA Form 3151-R is prepared, otherwise instructions in para 5.2.4.5.4, TM 743-200-1 will be followed.
29. Make out DA Form 3782 for lot number if ACC-J is recommended (para 4-2b, SB 742-1).
30. Complete parts I and II, DA Form 984 (para 2-7d, SB 742-1).
31. Review reports to make sure they are accurate and complete.
32. Give DA Form 984 to the chief ammunition inspector for review and approval.
33. Send ACC status change and suspended notice to the suspense clerk for posting.

REFERENCES

AR 385 series; FM 9-38; TM 3-250, TM 8-285, TM 9-1330-200, TM 9-1330-200-12, TM 9-1330-200-34, TM 743-200-1; SB 3-30, SB 3-1330-1, SB 3-1330-2, SB 700-1300-1, SB 742-1; APE manuals and SOP.

TASK 093-55X-3414
TEST SURFACE TRIP FLARES

CONDITIONS

You are an ammunition inspector and have been told to do a function test on a lot number of M49 flares. This task will be done at the surveillance function test range in suitable weather. Help will be given in setting up test equipment, conducting tests, observing tests and recording test results. The following forms and publications will be available:

FORMS	PUBLICATIONS
1. DA Form 984 (Munition Surveillance Report).	1. AR 385 series.
2. DA Form 3151-R (Ammunition Stores Slip) or DA Form 4508 (Ammunition Transfer Record).	2. FM 9-38.
3. DA Form 3782 (Suspended Notice).	3. TM 9-1370-203-12.
4. DA Form 2415 (Ammunition Condition Report).	4. TM 743-200-1.
	5. SB 700-1300-1.
	6. SB 742-1.
	7. SB for item being tested.
	8. APE manuals.
	9. SOP, Function testing flares.

EQUIPMENT

1. APE 1901 (immersion tank).	12. Warning signs.
2. APE 1903 (testing table).	13. First aid kit.
3. APE 1903-E003 (cap removal kit).	14. Fire fighting equipment.
4. APE 1903-E001 (function test kit).	15. Leather or leather-palm gloves.
5. APE 1921 (cup-cased thermometer).	16. Explosive handler's coveralls.
6. APE 1917 (push/pull gage).	17. Steel-toe shoes.
7. APE 1937 (personnel protective shelter).	18. Clean rags.
8. Lanyards with swivel snaps.	19. Samples of a lot number of flares.
9. Stopwatches.	20. Cargo vehicle.
10. Telephone or two-way radio.	21. Clipboard.
11. Red flag.	22. Ballpoint pen.

STANDARDS

Do PM's correctly IAW AR 385 series, FM 9-38, TM 743-200, the appropriate SB's and SOP. All tools and equipment must be properly used and all safety rules must be followed. All entries on records and reports must be complete and legible. Supervise and correct personnel helping you.

TASK 093-55X-3414 (Cont)

PERFORMANCE MEASURES

NOTE: When a critical defect is found during inspection or test and there is no apparent hazard to personnel continue the test. Go on with the function testing even though you may find enough functional defects to reject the lot involved.

1. Select samples from storage (appropriate SB).
2. Complete items 1 thru 19, part I, DA Form 984 (para 2-7d, SB 742-1).
3. Make sure red flag and warning signs are displayed and all access roads leading to the test area are blocked.
4. Number samples 1 thru 40 and identify them as to the box from which they were taken (appropriate SB).
5. Record box and sample number in items 6 and 7, part II, DA Form 984 (para 2-7d, SB 742-1).
6. Visually inspect packing and flares (para 2-2 and 2-4c, SB 742-1).
7. Record condition of packing in items 20 thru 25, part I, DA Form 984 (para 2-7d, SB 742-1).
8. Record all nonstandard conditions noted during visual inspection of samples. Defects listed in the right SB will be entered in the right column of item 8, part II, DA Form 984 (para 2-7d, SB 742-1). All other nonstandard conditions will be recorded in item 26, part I, DA Form 984 (para 2-7d, SB 742-1).
9. Place flares 1 thru 20 in water at 70° F. $\pm 10^{\circ}$ F. (21.6° C. $\pm 5.6^{\circ}$ C.) for 2 hours using APE 1901 and APE 1912 (para 6b, SB 742-1370-9). Place flares 6 to 9 inches below water surface.
10. Remove flare from water and wipe dry (para 6b, SB 742-1370-9).

SAFETY PIN PULL TENSION TEST

11. Insert flare into holding device and align holes in safety lever with holes in fuze body (appropriate SB).
12. Attach push/pull gage to pull ring of safety pin (appropriate SB). Take care not to depress the lever beyond the point of optimum alignment.
13. Apply a gradual pull along the major axis of safety pin until pin is withdrawn (appropriate SB).
14. Record tension, to the nearest tenth of a pound, required to remove the safety pin in the right column of item 8, part II, DA Form 984 (para 2-7d, SB 742-1).
15. Reinsert safety pin and spread the ends.

TRIGGER MECHANISM FUNCTIONING TEST

NOTE: Flares numbered 1 thru 10 and 21 thru 30 will be fired by pulling trip wire. Flares numbered 11 thru 20 and 31 thru 40 will be fired by cutting trip wire.

TASK 093-55X-3414 (Cont)

16. Attach holder plate to a post or other suitable holding support at a convenient height and mount flare (appropriate SB).
17. Fasten one end of trip wire to tension recording scale (push/pull gage) at a desired distance from the flare (appropriate SB); the push/pull gage may be fastened to another post.
18. Depress fuze safety lever and turn the trigger counterclock wise against trigger spring tension to an upright position. Make sure the lower end of the safety lever is behind the upper end of trigger (appropriate SB).
19. Pull the end of trip wire taut and fasten it to the trip wire slot in the lower end of the trigger. Make certain the trip wire is tight enough to retain trigger in upright position (appropriate SB).
20. Hold safety lever against flare body, attach a lanyard to pull ring of safety pin and adjust safety pin for easy removal (appropriate SB).
21. Very carefully release hold on safety lever. Make sure safety lever will be held in place by upper end of trigger (appropriate SB).
22. Remove safety pin by gradually pulling on lanyard along the major axis of safety pin (appropriate SB).

NOTE: If flare functions only after several attempts, an effort should be made to determine the cause. If the cause of the defect cannot be determined, it should be noted in item 11, part II, DA Form 984. If a flare fails to function even after several attempts, the unit should be taken apart (following all safety rules) and the cause of failure determined if possible. The following may be used as a guide in determining source of malfunction:

- a. Trigger binding on trigger plate or pivot.
 - b. Rust on trigger, trigger plate, or pivot.
 - c. Bent safety lever.
 - d. Excessive moisture under cover assembly.
 - e. Excessive moisture on quickmatch, priming charge, first fire charge, and/or illuminant charge.
 - f. Defective primer.
23. Record tension, to nearest tenth of a pound, required to function flare in the right column of item 8, part II, DA Form 984 (para 2-7d, SB 742-1).
 24. Use a stopwatch to determine delay time in flare functioning (using the right SB). Delay time is the time from actuation of flare by pulling or cutting trip wire to complete functioning of flare (visible flame).
 25. Record delay time, to nearest tenth of a second, in the right column of item 8, part II, DA Form 984 (para 2-7d, SB 742-1).
 26. Determine flare burning time using a stopwatch (para 2-7d, SB 742-1).
 27. Record burning time of flare, to nearest tenth of a second, in the right column of item 8, part II, DA Form 984 (para 2-7d, SB 742-1).

TASK 093-55X-3414 (Cont)

28. Determine if illumination is satisfactory or unsatisfactory, (using the right SB). The flare should illuminate a radius of about 300 yards in order to be satisfactory.
29. Indicate in the right column of item 8, part II, DA Form 984, if radius of illumination is satisfactory or unsatisfactory (para 2-7d, SB 742-1). If illumination is unsatisfactory, explain in item 11, part II, DA Form 984.
30. Record all nonstandard conditions and malfunctions noted (appropriate SB). The occurrence of any nonstandard condition or malfunction classified as a defect will be entered in item 8, part II, DA Form 984 (para 2-7d, SB 742-1). All other occurrences of nonstandard conditions or malfunctions not classified as defects, but in your opinion merit consideration, will be recorded in item 11, part II, DA Form 984 (para 2-7d, SB 742-1).
31. Enter an "X" in the right defective severity column of items 9 and 10, part II, DA Form 984 (para 2-7d, SB 742-1).
32. Enter the right nonfunctional code, functional code, and ammunition condition code (ACC) recommended in item 13, part II, DA Form 984 (para 12, SB 742-1370-9).
33. Make out an ACC status change using DA Form 3151-R or DA Form 4508.
34. Make out DA Form 3782 if lot is recommended for ACC-J (para 4-2b, SB 742-1).
35. Complete parts I and II, DA Form 984 (para 2-7d, SB 742-1).
36. Review reports to make sure they are complete and accurate.
37. Give completed DA Form 984 to the chief ammunition inspector for review and approval.
38. Send ACC status change and suspended notice, if prepared, to the suspense clerk for posting.

REFERENCES

AR 385 series; FM 9-38; TM 9-1370-203-12, TM 743-200-1; SB 700-1300-1, SB 742-1, SB 742-1370-9; APE manuals and SOP.

TASK 093-55X-3415
TEST SMOKE POTS

CONDITIONS

You have been told to do a function test of a lot number of smoke pots. This task will be done at the surveillance function test range in suitable weather. Test equipment must be setup before starting this task. Help will be given in setting up test equipment, conducting tests, observing tests and recording test results. The following forms and publications will be available:

- | FORMS | PUBLICATIONS |
|--|----------------------------|
| 1. DA Form 984 (Munition Surveillance Report). | 1. AR 385 series. |
| 2. DA Form 3151-R (Ammunition Stores Slip) or DA Form 4508 (Ammunition Transfer Record). | 2. FM 9-38. |
| 3. DA Form 3782 (Suspended Notice). | 3. TM 743-200-1. |
| 4. DA Form 2415 (Ammunition Condition Report). | 4. SB 3-30-153. |
| | 5. SB 700-1300-1. |
| | 6. SB 742-1. |
| | 7. APE manuals. |
| | 8. SOP, Function testing. |
| | 9. Function test schedule. |

EQUIPMENT

- 1. Protective mask.
- 2. Blasting machine.
- 3. Warning signs.
- 4. Red flag.
- 5. Telephone or two-way radio.
- 6. Fire fighting equipment.
- 7. First aid kit.
- 8. Clipboard.
- 9. Ballpoint pen.
- 10. Samples of lot number of smoke pots.
- 11. Cargo vehicle.

STANDARDS

Do PM's correctly IAW AR 385 series, SB 742-1, SB 3-30-153 and SOP. All safety rules will be followed. Supervise and correct personnel helping you.

PERFORMANCE MEASURES

NOTE: When a critical defect is found during test and there is no apparent hazard to personnel continue the test. Go on with the testing even though you may find enough functional defects to reject the lot involved.

1. Select samples from storage (para 2-2, SB 742-1 and SB for item being tested).

TASK 093-55X-3415 (Cont)

2. Complete items 1 thru 19, part I, DA Form 984 (para 2-7d, SB 742-1).
3. Make sure red flag and warning signs are displayed and all access roads leading to the test area are blocked.
4. Visually inspect packing and samples (SB for item being tested).
5. Record condition of packing in part I, DA Form 984 (para 2-7d, SB 742-1).
6. Record all nonstandard conditions noted during visual inspection of samples. Defects listed in the right manuals for item being tested, will be recorded in item 8, part II, DA Form 984 (para 2-7d, SB 742-1). All other observations and nonstandard conditions will be recorded in item 26, part I, DA Form 984 (para 2-7d, SB 742-1).
7. Number samples and identify them as to the box from which they were taken (SB for item being tested).
8. Record box and sample numbers in part II, DA Form 984 (para 2-7d, SB 742-1).
9. Record weather conditions at test area in part II, DA Form 984 (para 2-7d, SB 742-1).
10. Enter reference, revision and date in part II, DA Form 984 (para 2-7d, SB 742-1).

NOTE: Samples will be divided into two equal groups and tested as directed below.

11. Scratcher Block Ignition: Remove tear strip from outer cover , remove scratcher block from envelope and draw scratcher block across match head.
12. Electric squib ignition: Attach wires to binding posts on the cover, and using a power source (1.5 volts minimum), fire the squibs.
13. Make sure burning time is not less than 9 minutes or more than 30 minutes.
14. Record results of each test on DA Form 984.
15. Complete DA Form 984 as required.
16. Make out an ammunition condition code (ACC) status change if required.
17. Make out DA Form 3782 if required.
18. Review all documents and reports for completeness and accuracy.
19. Send ACC status change and suspended notice to the suspense clerk for posting if required.
20. Give DA Form 984 to the chief ammunition inspector for review and approval.

REFERENCES

AR 385 series; FM 9-38; TM 743-200-1; SB 3-30-153, SB 700-1300-1, SB 742-1; APE manuals and SOP.

**TASK 093-55X-3416
TEST SIMULATORS**

CONDITIONS

You have been told to do a function test of a lot number of simulators. This task will be done at the surveillance function test range in suitable weather. Help will be given in setting up test equipment, conducting tests, observing tests and recording test results. The following forms and publications will be available:

FORMS	PUBLICATIONS
1. DA Form 984 (Munition Surveillance Report).	1. AR 385 series.
2. DA Form 3151-R (Ammunition Stores Slip) or DA Form 4508 (Ammunition Transfer Record).	2. FM 9-38.
3. DA Form 3782 (Suspended Notice).	3. TM 9-1370-203-12.
4. DA Form 2415 (Ammunition Condition Report).	4. TM 743-200-1.
	5. SB 700-1300-1.
	6. SB 742-1.
	7. SB for simulator being tested.
	8. APE manuals.
	9. SOP, Function testing.
	10. Function test schedule.

EQUIPMENT

- | | |
|---|--|
| 1. APE 1901 (immersion tank). | 13. Lanyards. |
| 2. APE 1902 (holding device). | 14. Warning signs. |
| 3. APE 1902-E004 (mount kit M1 or M14 rifle). | 15. Red flag. |
| 4. APE 1903 (testing table). | 16. Telephone or two-way radio. |
| 5. APE 1908 (measuring device, altitude and drift). | 17. Fire fighting equipment. |
| 6. APE 1912 (cup-cased thermometer). | 18. First aid kit. |
| 7. APE 1913 (sound level meter). | 19. Clipboard. |
| 8. APE 1914 (anemometer). | 20. Ballpoint pen. |
| 9. APE 1915 (wind speed indicator). | 21. Samples of a lot number of simulators. |
| 10. APE 1916 (preconditioning oven). | 22. Cargo vehicle. |
| 11. APE 1926 (lanyard quick release device). | 23. Appropriate service rifle. |
| 12. APE 1938 (low temperature chamber). | 24. Pyrotechnic pistol, AN-M8. |

STANDARDS

Do PM's correctly IAW AR 385 series, FM 9-38, TM 743-200-1, SB 700-1300-1, SB 742-1 and other SB's. All safety rules must be followed. Supervise and correct personnel helping you.

TASK 093-55X-3416 (Cont)

PERFORMANCE MEASURES

NOTE: When a critical defect is found during test and there is no apparent hazard to personnel continue the test. Go on with the function testing even though you may find enough functional defects to reject the lot involved.

1. Select samples from storage (para 2-2, SB 742-1 and SB for item being tested).
2. Complete items 1 thru 19, part I, DA Form 984 (para 2-7d, SB 742-1).
3. Make sure red flag and warning signs are displayed and all access roads leading to the area are blocked.
4. Visually inspect packing and samples (SB for item being tested).
5. Record condition of packing in part I, DA Form 984 (para 2-7d, SB 742-1).
6. Record all nonstandard conditions noted during visual inspection of samples. Defects listed in SB's for items being tested will be recorded in item 8, part II, DA Form 984 (para 2-7d, SB 742-1). All other observations and nonstandard conditions will be recorded in item 26, part I, DA Form 984 (para 2-7d, SB 742-1).
7. Number samples and identify them as to the box from which they were taken (SB for item being tested).
8. Record box and sample numbers in part II, DA Form 984 (para 2-7d, SB 742-1).
9. Record weather conditions at test area in part II, DA Form 984 (para 2-7d, SB 742-1).
10. Enter reference, revision and date in part II, DA Form 984 (para 2-7d, SB 742-1).
11. Precondition the samples (SB for item being tested).
12. Setup the proper test equipment for item being tested.

NOTE: Simulators, except for M80, M118 and M119, should not be tested when the wind velocity exceeds 15 mph or during weather conditions that would interfere with observation.

13. Setup a sample for test (appropriate SB).
14. Observe each test as specified in the appropriate SB.
15. Record all test results on the DA Form 984 (SB 742-1 and other SB).
16. Complete DA Form 984 as required.
17. Make out an ammunition condition code (ACC) status change if required.
18. Make out DA Form 3782 if required.
19. Review all records and reports to make sure they are complete and accurate.
20. Send ACC status change and suspended notice to the suspense clerk for posting if prepared.

TASK 093-55X-3416 (Cont)

21. Give DA Form 984 to the chief ammunition inspector for review and approval.

REFERENCES

AR 385 series; FM 9-38; TM 743-200-1; SB 700-1300-1, SB 742-1, SB 742-1370-4, SB 742-1370-6, SB 742-1370-7, SB 742-1370-7, SB 742-1370-8, SB 742-1370-27, SB 742-1370-28, SB 742-1370-29, SB 742-1370-419; APE manuals and SOP.

TASK 093-55X-3417
TEST FIRING DEVICES

CONDITIONS

You have been told to do a function test of a lot number of firing devices. This task will be done at the surveillance function test range in suitable weather. You will be given help in setting up test equipment, conducting tests, observing tests and recording test results. The following forms and publications will be available:

FORMS

1. DA Form 984 (Munition Surveillance Report).
2. DA Form 3151-R (Ammunition Stores Slip) or DA Form 4508 (Ammunition Transfer Record).
3. DA Form 3782 (Suspended Notice).
4. DA Form 2415 (Ammunition Condition Report).

PUBLICATIONS

1. AR 385 series.
2. FM 5-25.
3. FM 9-38.
4. TM 743-200-1.
5. SB 700-1300-1.
6. SB 742-1.
7. SB for firing device being tested.
8. APE manuals.
9. SOP, Function testing.
10. Function test forecast.

EQUIPMENT

1. APE 1903 (testing table).
2. APE 1907 (pressure testing device).
3. APE 1907-E003 (firing device kit, demolition, pressure-released type M5).
4. APE 1907-E004 (firing device kit, demolition kit, demolition, release type, M1).
5. APE 1907-E005 (firing device kit, pressure type, demolition, M1).
6. APE 1907-E008 (function test kit firing device, pull-release type, M3).
7. APE 1912 (cup-cased thermometer).

8. APE 1916 (preconditioning oven).
9. APE 1917 (push-pull gage).
10. Locally prefabricated holding device.
11. Telephone or two-way radio.
12. Warning signs.
13. Red flag.
14. First aid kit.
15. Fire fighting equipment.
16. Samples of a lot number of firing devices.
17. Cargo vehicles.
18. Clipboard.
19. Ballpoint pen.

STANDARDS

Do PM's correctly IAW AR 385 series, FM 9-38, TM 743-200-1, SB 742-1, SB's for items being tested and SOP. All safety rules will be followed. Supervise and correct personnel helping you.

TASK 093-55X-3417 (Cont)

PERFORMANCE MEASURES

NOTE: When a critical defect is found during test and there is no apparent hazard to personnel continue the test. Go on with the function testing even though you may find enough functional defects to reject the lot involved.

1. Select samples from storage (para 4 and 5, SB 742-1375-21).
2. Complete items 1 thru 19, part I, DA Form 984 (para 2-7d, SB 742-1).
3. Number samples 1 thru 50 and identify them as to the box from which they were taken.
4. Record the box and sample number on DA Form 984.
5. Make sure red flag and warning signs are displayed and all access roads leading to test area are blocked.
6. Visually inspect packing and firing devices.
7. Record condition of packing on DA Form 984.
8. Record any observation of nonstandard conditions of samples. Enter defects on DA Form 984.
9. Place firing devices in preconditioning oven at 70° F. \pm 10° F. (21.6° C. \pm 5.6° C.) for 24 hours.
10. Record weather conditions at test area in part II, DA Form 984.
11. Remove protector cup by hand and loosen safety strip.

NOTE: Steps 12 and 13 will be done as fast as possible.

12. Crush the ampules of samples 1 thru 10 with pliers. Pliers used must not close to less than 1/8 inch.
13. Remove safety strip and place firing device in holding device.
14. Place cardboard strip 1/2 inch from nozzle end of the device and secure the cardboard strip with a weight.

NOTE: Cardboard is used as indicated for detecting a fired device.

15. Repeat step 12 and 13 for the remaining firing devices. Devices will be tested in sets of 10, 1 minute apart.
16. Observe the firing devices until the firing pin is released and record the delay time on DA Form 984. Record the time to the nearest minute.
17. Record all observations of nonstandard conditions and malfunctions on DA Form 984.
18. Enter an "X" in the right defective severity column on DA Form 984.
19. Enter the right nonfunctional code, functional code, and ammunition condition code (ACC) recommended on DA Form 984.
20. Make out an ACC status change using DA Form 3151-R or DA Form 4508.
21. Make out DA Form 3782 if required.
22. Complete DA Form 984.
23. Review records and reports for completeness and accuracy.

TASK 093-55X-3417 (Cont)

24. Give completed DA Form 984 to the chief ammunition inspector for review and approval.
25. Send ACC status change and suspended notice, if prepared, to the suspense clerk for posting.

REFERENCES

AR 385 series; FM 9-38; TM 9-1375-213-12, TM 743-200-1; SB 700-1300-1, SB 742-1, SB 742-1375-21, SB 742-1375-24, SB 742-1375-25, SB 742-1375-26, APE manuals and SOP.

**TASK 093-55X-3418
TEST BLASTING CAPS**

CONDITIONS

You have been told to do a function test of a lot number of blasting caps. This task will be done at the surveillance function test range in suitable weather. You will be given help in setting up test equipment (APE), preparation of test samples, conducting test, observing test and recording test results. The following forms and publications will be available:

FORMS

1. DA Form 984 (Munition Surveillance Report).
2. DA Form 3151-R (Ammunition Stores Slip) or DA Form 4508 (Ammunition Transfer Record).
3. DA Form 3782 (Suspended Notice).
4. DA Form 2415 (Ammunition Condition Report).

PUBLICATIONS

1. AR 385 series.
2. FM 9-38.
3. TM 9-1375-203-15.
4. TM 9-1375-213-12.
5. FM 5-25.
6. SB 700-1300-1.
7. SB 742-1.
8. SB 742-1375-94-443.
9. SB 742-1375-94-452.
10. APE manuals.
11. SOP, Function testing blasting caps.
12. Function test forecast.

EQUIPMENT

1. APE 1903 (testing table).
2. APE 1903-E005 (function test kit).
3. Blasting machine or APE substitute.
4. APE 1901 (immersion tank).
5. APE 1912 (cup-cased thermometer).
6. APE 1916 (preconditioning oven).
7. APE 1937 (personnel protection shelter).
8. APE 1938 (low temperature chamber).
9. Safety fuse.
10. Crimpers M1 or M2.
11. Igniter M60.
12. Galvanometer.
13. Stopwatch.
14. Metal block.
15. Lead disk.
16. Telephone or two-way radio.
17. Warning signs.
18. Red flag.
19. First aid kit.
20. Fire fighting equipment.
21. Explosive handler's coveralls.
22. Steel-toe safety shoes.
23. Samples of lot number of blasting caps.
24. Cargo vehicle.
25. Clipboard.
26. Ballpoint pen.

TASK 093-55X-3418 (Cont)

STANDARDS

Do PM's correctly IAW AR 385 series, FM 9-38, TM 743-200-1, SB 742-1, SB 742-1375-94-443 or SB 742-1375-94-452 and the SOP pertaining to function testing of blasting caps. All safety rules will be followed. Supervise and correct personnel helping you.

PERFORMANCE MEASURES

NOTE: When a critical defect is found during inspection or test and there is no apparent hazard to personnel continue the test. Go on with the function testing even though you may find enough functional defects to reject the lot involved.

1. Select samples from storage.
2. Complete items 1 thru 19, part I, DA Form 984 (para 2-7d, SB 742-1).
3. Make sure red flag and warning signs are displayed and all access roads leading to the test area are blocked.
4. Number samples 1 thru 60 and identify them as to the box from which they were taken (para 6, SB 742-1375-94-443 or para 6, SB 742-1375-94-452).
5. Record the box and sample number in part II, DA Form 984 (para 2-7d, SB 742-1).
6. Visually inspect packing and blasting caps (para 2-7d, SB 742-1).
7. Record condition of packing in part I, DA Form 984 (para 2-7d, SB 742-1).
8. Record all nonstandard conditions of samples found. Defects listed in the right SB will be entered in the right column of part II, DA Form 984 (para 2-7d, SB 742-1). All other nonstandard conditions will be recorded in part I, DA Form 984 (para 2-7d, SB 742-1).
9. Place blasting caps 21 thru 40 in preconditioning oven at 120° F. (48.9° C.) for at least 24 hours (the right SB).
10. Place blasting caps 1 thru 20 in low temperature chamber at -40° F. (-40° C.) or colder for at least 2 hours (the right SB).

NOTE: Nonelectric blasting caps numbered 41 thru 60 do not require placing in water.

11. **ELECTRIC BLASTING CAPS ONLY:** Place blasting caps 41 thru 60 in immersion tank at a depth of three feet for 4 hours \pm .5 hours at a temperature of 70° F. \pm 10° F. (21.6° C. \pm 5.6° C.). Caps 41 thru 60 do not require temperature conditioning (SB 742-1375-94-452).
12. **NONELECTRIC BLASTING CAPS ONLY:** Cut about 6 inches of roll of safety fuse and discard (para 1-11g, TM 9-1375-213-12).

TASK 093-55X-3418 (Cont)

13. NONELECTRIC BLASTING CAPS ONLY: Cut 3 feet off roll of safety fuse and time the burning rate. Normally, the burning rate is 30 to 45 seconds per foot (para 1-11g, TM 9-1375-213-12).
14. NONELECTRIC BLASTING CAPS ONLY: Cut a fresh section of time fuse and crimp a blasting cap to each end (SB 742-1375-94-443). The length of the time fuse when cut in half and lit must be long enough to let personnel get to a safe area.
15. Place metal block in holding device of function test table (the right SB).
16. Center lead disk over a 15/16 inch hole in metal block (the right SB).
17. NONELECTRIC BLASTING CAPS ONLY: Cut the length of safety fuse midway between blasting caps (SB 742-1375-94-443).
18. Place blasting caps upright in the holding device so that the base of the cap is in contact with the lead disk (appropriate SB).

NOTE: Items 19 thru 29 pertain to ELECTRIC BLASTING CAPS ONLY.

19. Lay out firing wire from caps to firing position (para 2-4b (1), FM 5-25).
20. Test firing wire (para 2-7, FM 5-25).
21. Twist free ends of firing wire together to prevent an electrical charge from building up in firing wire (para 2-5b (3), FM 5-25).
22. Test each blasting cap (para 2-7, FM 5-25).
23. Twist free ends of cap wires together (para 2-4c (2), FM 5-25).
24. Splice free cap lead wires to firing wire (para 2-4d (3), FM 5-25).
25. Test entire firing circuit at firing position (para 2-7, FM 5-25).
26. Twist fire ends of firing wire together (para 2-4f, FM 5-25).
27. Test blasting machine (TM 9-1375-203-15).
28. Connect blasting machine to firing wire (para 2-4h (1), FM 5-25).
29. Fire blasting caps (appropriate SB).
30. Record all observations of nonstandard conditions and malfunctions. The occurrence of nonstandard conditions or malfunctions classified as defects will be entered in item 8, part II, DA Form 984. All other occurrences of nonstandard conditions or malfunctions not classified as defects, but in your opinion merit consideration will be recorded in item 11, part II, DA Form 984 (para 2-7d, SB 742-1, and the right SB).
31. Enter an "X" in the right defective severity column of items 9 and 10 part II, DA Form 984 (para 2-7d, SB 742-1).
32. Enter the right nonfunction code, function code, and condition code recommended in item 13, part II, DA Form 984.
33. Make out an ammunition condition code (ACC) status change using DA Form 3151-R or DA Form 4508, if required.
34. Make out DA Form 3782 if lot number is recommended for ACC-J (para 4-2b, SB 742-1).

TASK 093-55X-3418 (Cont)

35. Complete parts I and II, DA Form 984.
36. Review reports to make sure they are complete and accurate.
37. Give completed DA Form 984 to the chief ammunition inspector for review and approval.
38. Send ACC status change and suspended notice, if prepared, to the suspense clerk for posting.

REFERENCES

AR 385 series; FM 5-25, FM 9-38; TM 9-1375-203-15, TM 9-1375-213-12, TM 743-200-1; SB 700-1300-1, SB 742-1, SB 742-1375-94-443, SB 742-1375-94-452; APE manuals and SOP.

TASK 093-55X-3419
TEST TIME BLASTING FUSE IGNITERS

CONDITIONS

You have been told to do a function test of a lot number of fuse igniters. This task will be done at the surveillance function test range in suitable weather. Help will be given in setting up test equipment, conducting tests, observing tests and recording test results. The following forms and publications will be available:

- | FORMS | PUBLICATIONS |
|--|------------------------------------|
| 1. DA Form 984 (Munition Surveillance Report). | 1. AR 385 series. |
| 2. DA Form 3151-R (Ammunition Stores Slip) or DA Form 4508 (Ammunition Transfer Record). | 2. FM 5-25. |
| 3. DA Form 3782 (Suspended Notice). | 3. FM 9-38. |
| 4. DA Form 2415 (Ammunition Condition Report). | 4. TM 743-200-1. |
| | 5. SB 700-1300-1. |
| | 6. SB 742-1. |
| | 7. SB's for igniters being tested. |
| | 8. APE manuals. |
| | 9. SOP, Function testing. |
| | 10. Function test forecast. |

EQUIPMENT

- | | |
|--------------------------------------|---|
| 1. APE 1901 (immersion tank). | 8. Fire fighting equipment. |
| 2. APE 1903 (testing table). | 9. First aid kit. |
| 3. APE 1913 (cup-cased thermometer). | 10. Clipboard. |
| 4. APE 1917 (push/pull gage). | 11. Ballpoint pen. |
| 5. Warning signs. | 12. Samples of a lot number of fuse igniters. |
| 6. Red flag. | 13. Cargo vehicle. |
| 7. Telephone or two-way radio. | |

STANDARDS

Do PM's correctly IAW AR 385 series, FM 9-38, TM 743-200-1, SB 700-1300-1, SB 742-1, the SB for item being tested and SOP. All safety rules must be followed. Supervise and correct personnel helping you.

PERFORMANCE MEASURES

NOTE: When a critical defect is found during test and there is no apparent hazard to personnel continue with the test. Continue with the function testing even though you may find enough functional defects to reject the lot involved.

TASK 093-55X-3419 (Cont)

1. Select samples from storage (para 2-2, SB 742-1 and SB for item being tested).
2. Complete items 1 thru 19 of part I, DA Form 984 (para 2-7d, SB 742-1).
3. Make sure red flag and warning signs are displayed and all access roads leading to the test area are blocked.
4. Visually inspect packing and samples (SB for item being tested).
5. Record condition of packing in part I, DA Form 984 (para 2-7d, SB 742-1).
6. Record all nonstandard conditions noted during visual inspection of samples. Defects listed in the right manuals for item being tested, will be recorded in item 8 of part II, DA Form 984 (para 2-7d, SB 742-1). All other observations and nonstandard conditions will be recorded in item 26, part I, DA Form 984 (para 2-7d, SB 742-1).
7. Number samples and identify them as to the box from which they were taken (SB for item being tested).
8. Record box and sample numbers in part II, DA Form 984 (para 2-7d, SB 742-1).
9. Record weather conditions at test area in part II, DA Form 984 (para 2-7d, SB 742-1).
10. Enter reference, revision and date in part II, DA Form 984 (para 2-7d, SB 742-1).

NOTE: PM's 11 thru 14 will be done only when testing M2 igniters.

11. Do a load test for fuse retainer clip. This test is to determine the capability of the fuse retainer prongs to support a load of 15 pounds applied to the safety fuse inserted in the fuse retainer clip (para 7, SB 742-1375-20).
12. Record the results of each test on the DA Form 984 (para 2-7d, SB 742-1 and para 8, SB 742-1375-20).
13. Do an igniting test of the igniter. The test is to determine the ability of the igniter to ingite a black powder safety fuse (para 7, SB 742-1375-20).
14. Record each test result on the DA Form 984 (para 2-7d, SB 742-1 and para 8, SB 742-1375-20).

NOTE: PM's 15 thru 17 will be done when testing M1 igniters.

15. Insert a freshly cut section of time fuse all the way in the fuse lighter (para 7a, SB 742-1375-45). The length of the time fuse used will be IAW the SOP.
16. Activate the ignitor by hand by pulling on the handle in the direction of withdrawal of the pull wire (para 7, SB 742-1375-45). A fixture may be used for holding the igniter but the handle should be pulled by hand.

TASK 093-55X-3419 (Cont)

17. Record the test results of each igniter on DA Form 984 (para 2-7d, SB 742-1 and para 8, SB 742-1375-45).

NOTE: PM's 18 thru 25 will be done when testing M60 igniters.

18. Cut a fresh 12 inch length of M700 fuse and insert each end of the fuse into an igniter (para 6, SB 742-1375-94-434).
19. Place fused igniter samples 1 thru 24 in water at 70° F. $\pm 10^{\circ}$ F. (21.6° C. $\pm 5.6^{\circ}$ C.) to a depth of 31 ± 1 inches for 6.5 ± 0.5 hours.

NOTE: Igniters 25 thru 50 will receive no treatment before testing.

20. Cut fuse midway between igniters.
21. Remove safety pin.
22. Attach tension recording scale to pull ring.
23. Pull on pull ring until a tension of 3 pounds is obtained or the striker is released, which ever occurs first and then remove the scale.
24. Activate the igniter.
25. Record results of test on DA Form 984.
26. Classify each defect noted during inspection and test (para 9, SB 742-1375-20, SB 742-1375-45 or SB 742-1375-434).
27. Enter an "X" in the right defective severity column of items 9 and 10, opposite the sample number (para 2-7d, SB 742-1).
28. Enter the total number of each defective classification for samples 1 thru 24 in item 12, part II, DA Form 984 (para 2-7d, SB 742-1).
29. Enter the grand total for each defective classification in item 12, part II, DA Form 984 (part II, Continuation sheet) (para 2-7d, SB 742-1).
30. Enter the right nonfunctional code, functional code and condition code recommended in item 13 (para 2-7e, SB 742-1 and para 10 and 11, SB 742-1330-94-435).
31. Make out an ammunition condition code (ACC) status change if required.
32. Make out DA Form 3782 if required.
33. Complete parts I and II, DA Form 984 (para 2-7d, SB 742-1).
34. Review all records and reports to make sure they are complete and accurate.
35. Send ACC status change and suspended notice to the suspense clerk if required.
36. Give DA Form 984 to the chief ammunition inspector for review and approval.

REFERENCES

AR 385 series; FM 9-25, FM 9-38; TM 743-200-1; SB 700-1300-1, SB 742-1, SB 742-1375-20, SB 742-1375-45, SB 742-1375-94-434, APE manuals and SOP.

**TASK 093-55X-3420
TEST DETONATORS**

CONDITIONS

You have been told to do a function test of a lot number of detonators. This task will be done at the surveillance function test range, when the temperature is above 32° F. (0° C.). Help will be given in setting up test equipment, conducting tests, observing tests and recording test results. The following forms and publications will be available:

FORMS

1. DA Form 984 (Munition Surveillance Report).
2. DA Form 3151-R (Ammunition Stores Slip) or DA Form 4508 (Ammunition Transfer Record).
3. DA Form 3782 (Suspended Notice).
4. DA Form 2415 (Ammunition Condition Report).

PUBLICATIONS

1. AR 385 series.
2. FM 5-25.
3. FM 9-38.
4. TM 743-200-1.
5. SB 700-1300-1.
6. SB 742-1.
7. SB 742-1375-41.
8. APE manuals.
9. SOP, Function testing.
10. Function test forecast.

EQUIPMENT

1. APE 1901 (immersion tank).
2. APE 1903 (testing table).
3. APE 1912 (cup-cased thermometer).
4. APE 1916 (preconditioning oven).
5. APE 1917 (push/pull gage).
6. Lead disk.
7. Metal blocks.
8. Holding device.
9. Warning signs.

10. Red flag.
11. Telephone or two-way radio.
12. Fire fighting equipment.
13. First aid kit.
14. Clipboard.
15. Ballpoint pen.
16. Samples of a lot number of detonators.
17. Cargo vehicle.

STANDARDS

Do PM's correctly IAW AR 385 series, FM 9-38, TM 743-200-1, SB 700-1300-1, SB 742-1, SB 742-1375-41 and SOP. All safety rules will be followed. Supervise and correct personnel helping you.

PERFORMANCE MEASURES

NOTE: When a critical defect is found during test and there is no apparent hazard to personnel continue the test. Continue with the function testing even though you may find enough functional defects to reject the lot involved.

TASK 093-55X-3420 (Cont)

1. Select samples from storage (para 2-2, SB 742-1 and para 4 and 5, SB 742-1375-41).
2. Complete items 1 thru 19, part I, DA Form 984 (para 2-7d, SB 742-1).
3. Make sure red flag and warning signs are displayed and all access roads leading to test area are blocked.
4. Visually inspect packing and samples (para 8 and 10, SB 742-1375-41).
5. Record condition of packing in part I, DA Form 984 (para 2-7d, SB 742-1).
6. Record all nonstandard conditions noted during visual inspection of samples. Defects listed in the right manuals for item being tested, will be recorded in item 8, part II, DA Form 984 (para 2-7d, SB 742-1). All other observations and nonstandard conditions will be recorded in item 26, part I, DA Form 984 (para 2-7d, SB 742-1).
7. Number samples and identify them as to the box from which they were taken (para 6, SB 742-1375-41).
8. Record box and sample numbers in part II, DA Form 984 (para 2-7d, SB 742-1).
9. Record weather conditions at test area in part II, DA Form 984 (para 2-7d, SB 742-1).
10. Enter reference, revision and date in part II, DA Form 984 (para 2-7d, SB 742-1).
11. Place all detonators in water at 70° F. $\pm 10^{\circ}$ F. (21.6° C. $\pm 5.6^{\circ}$ C.) to a minimum depth of 3 feet for not less than 6 hours (para 6, SB 742-1375-41).
12. Remove cap protector and screw detonator (hand tight) into test fixture (para 7a, SB 742-1375-41).
13. Place metal block in holding device on test fixture (para 7b, SB 742-1375-41).
14. Center lead disk over 15/16 inch hole in metal block and make sure disk center is in contact with cap base (para 7b, SB 742-1375-41).
15. Attach the tension recording scale to the safety pin cord (para 7c, SB 742-1375-41).
16. Withdraw safety pin and record tension to the nearest 1/2 pound on DA Form 984 (para 2-7d, SB 742-1, and para 7c and 8b, SB 742-1375-41).
17. Attach a short loop of cloth or leather to the tension recording scale and to the pull ring of the detonator (para 7d, SB 742-1375-41).
18. Function the detonator remotely by pulling on the tension recording scale (para 7d, SB 742-1375-41).

NOTE: If the pull ring breaks or comes apart before the release pin is withdrawn, record the tension at which this occurred on DA Form 984. Attach the scale directly to the eye of the release pin, and continue to pull until the release pin is withdrawn.

19. Record the tension required to withdraw the release pin on DA Form 984 (para 2-7d, SB 742-1).

TASK 093-55X-3420 (Cont)

20. Time the detonator delay time from pulling of the pull ring to detonation (para 8c, SB 742-1375-41).
21. Record detonator delay time to the nearest 1/10 second on DA Form 984 (para 2-7d, SB 742-1 and para 8c, SB 742-1375-41).
22. Classify each defect noted during inspection and test (para 9, SB 1330-94-435).
23. Enter an "X" in the right defective severity column of items 9 and 10, opposite the sample number (para 2-7d, SB 742-1).
24. Enter the total number of each defective classification for samples 1 thru 24 in item 12, part II, DA Form 984 (para 2-7d, SB 742-1).
25. Enter the grand total for each defective classification in item 12, part II, DA Form 984 (part II, continuation sheet) (para 2-7d, SB 742-1).
26. Enter the right nonfunctional code, functional code and condition code recommended in item 13 (para 2-7e, SB 742-1).
27. Make out an ammunition condition code (ACC) status change if required (para 3-16, FM 9-38 or para 5.2.4.5.4, TM 743-200-1).
28. Make out DA Form 3782 if required (para 4-2b, SB 742-1).
29. Complete parts I and II, DA Form 984 (para 2-7d, SB 742-1).
30. Review all records and reports to make sure they are complete and accurate.
31. Send ACC status change and suspended notice to the suspense clerk for posting if required.
32. Give DA Form 984 to the chief ammunition inspector for review and approval.

REFERENCES

AR 385 series; FM 5-25, FM 9-38; TM 9-1300-206, TM 743-200-1; SB 700-1300-1, SB 742-1, SB 742-1375-41; APE manuals and SOP.

TASK 093-55X-3451

INSPECT MAINTENANCE FACILITIES FOR COMPLIANCE WITH SAFETY STANDARDS

CONDITIONS

You are an ammunition inspector assigned to the surveillance section and have been told to do an inspection of a maintenance facility before starting of operations. This task will be done at an ammunition maintenance facility. The following publications will be available and used:

1. DOD Reg 5154.4S.
2. AR 385-32.
3. FM 9-19.
4. TM 9-1300-250.
5. TM 10-277.
6. TM 43-0001-47.
7. AMCR 385-100.
8. Applicable SOP.
9. Locally devised inspection worksheets.

EQUIPMENT

1. Clipboard.
2. Pencil.
3. Paper.
4. Vehicle.

STANDARDS

Do PM's correctly IAW DOD Reg 5154.4S, AR 385-32, AMCR 385-100 and SOP. All safety rules must be followed.

PERFORMANCE MEASURES

1. Inspect lightning protection system for adequate grounding and annual continuity test (para F-21, TM 9-1300-206).
2. Be sure all equipment, conductive flooring, and matting are grounded and certificates of test are posted (para 7-2, 7-7, AMCR 385-100).
3. Make sure all exits are marked right (para 5-7, 5-8, AMCR 385-100).
4. Inspect all fire extinguishers for serviceability, and make sure current inspection is recorded on DA Form 253.
5. Make sure first aid equipment is available.
6. Make sure all tools, gages and equipment are serviceable and clean.
7. Inspect maintenance facility for proper housekeeping (para 8-2, TM 9-1300-206).
8. Make sure correct fire symbol and/or chemical hazard symbol is posted (DOD Reg 5154.4S).
9. Inspect maintenance condition of ammunition peculiar equipment (APE) and associated records (para 8-5, TM 9-1300-206).

TASK 093-55X-3451 (Cont)

10. Check for presence of operational shields (para 8-3, TM 9-1300-206).
11. Make sure protective clothing is available and being used (para 4, AR 385-32).
12. Record findings on inspection worksheets.
13. Send inspection worksheet to the surveillance office.

REFERENCES

DOD Reg 5154.4S; AR 385-32, AR 385-64; FM 9-19, FM 9-38; TM 9-1300-250, TM 10-277, TM 43-0001-47; AMCR 385-100; Depot Maintenance Work Requirements, (DMWR); Maintenance SOP and APE manuals.

**TASK 093-55X-3452
PERFORM IN-PROCESS VERIFICATION INSPECTION OF MUNITIONS**

CONDITIONS

You are an ammunition inspector in the surveillance section and are working as a maintenance line inspector. You have completed an inspection of a maintenance facility where a new operation is about to begin. Now you must make a product acceptance inspection as items are processed on the maintenance line. This task will be done at a munitions maintenance line in suitable weather. An ammunition inspector should be stationed at each established sampling point. The following forms and publications will be available for use:

FORMS

1. DA Form 3151-R (Ammunition Stores Slip) or DA Form 4508 (Ammunition Transfer Record).
2. DD Form 1577 series (Unserviceable Materiel tags or labels).
3. DA Form 3023 (Gage Record Card).
4. Blank, DD Form 1650 (Ammunition Data Card).
5. DD Form 1650 (Ammunition Data Card).
6. Ammunition Surveillance Inspection Report (Prepared locally).
7. Sampling worksheets (Prepared locally).

PUBLICATIONS

1. SB 742-1.
2. MIL-STD 105D.
3. MIL-STD 414.
4. MIL-STD 1167C.
5. MIL-STD 1235A.
6. Applicable MIL-SPEC.
7. Ammunition drawings.
8. Depot Maintenance Work Requirements (DMWR).
9. Maintenance SOP.
10. Copy of the maintenance work order.

EQUIPMENT

1. Protective clothing.
2. Equipment for operations in progress.
3. Ammunition gages.
4. Micrometer.
5. Paper.
6. Ballpoint pens.
7. Clipboards.

STANDARDS

Do PM's correctly IAW AR 725-50, FM 9-38, TM 743-200-1, SB 742-1, MIL-STD 1235A and applicable MIL-SPEC, ammunition drawings, DMWR and maintenance SOP. All safety rules will be followed. Supervise and correct personnel helping you.

T A SK 093-55X-3452 (Cont)

PERFORMANCE MEASURES

1. Decide the right sampling plan to be used (para 2-11, SB 742-1, MIL-STD 105D, MIL-STD 414, MIL-STD 1235A and applicable DMWR).
2. Determine the number of sampling points required to insure adequate sampling (maintenance SOP and DMWR).
3. Make out an acceptance sampling plan check list for each sampling point (MIL-STD 105D, MIL-STD 414, MIL-STD 1235A, and applicable DMWR). The sampling plan check list should include the following:
 - a. Type of defect.
 - b. Category classification.
 - c. Acceptance quality level (AQL).
 - d. Method in inspection.
 - e. When to increase or decrease the number of samples.
4. Establish sampling points throughout the maintenance line. Make sure the right tools, gages, micrometers, sampling worksheets, sampling check list, ammunition drawings and maintenance SOP are at each inspection point.
5. Select samples from the maintenance line.
6. Inspect samples for defects listed on checklist.
7. Record inspection results on worksheet.
8. Determine defect classification.
9. Record defect classification on worksheet.
10. Change sampling plan as required.
11. Fill out the right materiel tag or label for line rejects (para 5.4.16.2 or 5.4.16.3, MIL-STD 129F).

NOTE: PM's 12 thru 14 pertain only when acceptance is for a production interval (shift or day).

12. Evaluate inspection results and assign the subplot or homogenous group an ammunition condition code (ACC) (app AB, AR 725-50).
13. Fill out an ACC status change for subplot or group (para 3-16, FM 9-38 or Para 5.2.5.4.5.4, TM 743-200-1).
14. Prepare an acceptance report for subplot or group using the Ammunition Surveillance Inspection Report (ASIR).

NOTE: PM's 15 thru 20 will be done after completing the maintenance operations.

15. Evaluate the daily sampling worksheets and recommend the right ACC for lot number.

TASK 093-55X-3452 (Cont)

16. Make out ACC status change for lot number (para 3-16, FM 9-38 or para 5.2.5.4.5.4, TM 743-200-1).
17. Prepare final acceptance report for the lot number using an ASIR.
18. Make out, revise, or post DD Form 1650 (MIL-STD 1167).
19. Review all reports to make sure they are complete and accurate.
20. Send all records and reports to the surveillance office.

REFERENCES

AR 700-22, AR 725-50, AR 750-1; FM 9-6, FM 9-19, FM 9-38; TM 9-243, TM 9-1300-206, TM 9-1300-250, TM 9-1300-251-20, TM 9-1300-251-34; TB 43-0196, TB 750-242-1; SB 742-1; MIL-STD 105D, MIL-STD 129F, MIL-STD 414, MIL-STD 1167C, MIL-STD 1235A; applicable MIL-SPEC; ammunition drawings; DMWR and SOP.

TASK 093-55X-3453

INSPECT MAINTENANCE OPERATIONS OF CLASS V MATERIEL

CONDITIONS

You are an ammunition inspector assigned to a surveillance section, and you are working as a maintenance line inspector responsible for monitoring maintenance operations of Class V materiel. This task will be done at an authorized maintenance facility. The following forms and publications will be available for use:

FORMS

1. FM 9-19.
2. TM 9-1300-206.
3. TM 9-1300-250.

PUBLICATIONS

1. AMCR 385-100.
2. Maintenance SOP.

EQUIPMENT

1. Surveillance equipment as required.
2. Protective clothing and equipment.

STANDARDS

Do PM's correctly IAW FM 9-19, TM 9-1300-206, TM 9-1300-250, AMCR 385-100, appropriate DMWR and maintenance SOP. All safety rules must be followed.

PERFORMANCE MEASURES

1. Make sure pertinent portions of SOP are posted for operation being done (SOP, para 2-69, TM 9-1300-206).
2. Make sure each operator is doing the operation as specified in the maintenance SOP.
3. Make sure explosive limits for holding and operating bays are not exceeded (para 2-2b, TM 9-1300-206).
4. Make sure items are properly spaced on conveyor.
5. Be sure all safety standards are being followed (para 8-3, TM 9-1300-206).
6. Make sure protective clothing is worn (para 2-3a and app B, TM 9-1300-206).
7. Make sure equipment and tools are correctly used (para 2-5, TM 9-1300-206).
8. Make sure munitions handling is correct (para 2-4, TM 9-1300-206).

REFERENCES

AR 385-64; FM 9-19, FM 9-38; TM 9-1300-206, TM 9-1300-250; AMCR 385-100; DMWR and SOP.

TASK 093-55X-3501

PERFORM EMERGENCY DISPOSAL OF MUNITIONS BY BURNING

CONDITIONS

Your supervisor has told you to perform emergency destruction of ammunition items by burning. This task will be done in an ammunition storage area in any weather. Evacuate all personnel not involved in the operation. The following publications will be available for use:

1. TM 750-244-5-1.
2. Local SOP.

EQUIPMENT

1. Flame producing device.
2. Excelsior.
3. Scrap wood.
4. Fuel oil.
5. Crowbar.

STANDARDS

Do PM's correctly IAW para 2-1, 2-2, TM 750-244-5-1. All safety rules will be followed. Supervise and correct personnel helping you.

PERFORMANCE MEASURES

1. Place combustible material around ammunition items.
2. Pour fuel over ammunition and combustible material.
3. For combustible train use propellant, diesel fuel, etc. Arrange train so it will burn in opposite direction of wind.
4. Light combustible train, and clear area.

REFERENCES

TM 9-1300-206, TM 750-244-5-1 and SOP.

TASK 093-55X-3502**PERFORM EMERGENCY DISPOSAL OF MUNITIONS BY DETONATION****CONDITIONS**

Your supervisor has told you to perform emergency destruction of ammunition by detonation. This task will be done in an ammunition storage area in any weather. The required destruction equipment has been assembled. You will be given help. The following publications will be available for use:

1. FM 5-25.
2. TM 9-1300-203.
3. Local SOP.

EQUIPMENT

1. Demolition set.
2. Explosive initiating devices (electric and nonelectric).
3. Crowbar.
4. Band cutters.

STANDARDS

Do PM's correctly IAW TM 9-1300-203 and FM 5-25. All safety rules will be followed.

PERFORMANCE MEASURES

1. Place charges on the stacks of ammunition and on stacks of other explosives to be destroyed (para 5-11, FM 5-25, para 6-2, TM 9-1300-203).
2. Prime charges using one of the following methods:
 - a. Nonelectric firing system (para 2-18a, FM 5-25).
 - b. Electric firing system (para 2-18b, FM 5-25).
3. Detonate charges by using a blasting machine or fuse lighter. To minimize misfires, a combination dual firing system should be used. Fuse length must allow time for personnel to clear the area.

REFERENCES

FM 5-25; TM 9-1300-203, TM 9-1300-206; TM 750-244-5-1 and SOP.

TASK 093-55X-3551
INSPECT MUNITIONS DESTRUCTION SITE

CONDITIONS

You are an ammunition inspector and you have been told to inspect a munition destruction site. This task will be done outdoors in suitable weather. The following publications will be available for use:

1. TM 9-1300-206.
2. Local SOP.

EQUIPMENT

1. Clipboard.
2. Paper.
3. Ballpoint pen.

STANDARDS

Do PM's correctly IAW TM 9-1300-206 and SOP. If you see any violations of procedures, tell the person in charge at once. Be sure that all safety rules are followed.

PERFORMANCE MEASURES

BEFORE DESTRUCTION OPERATIONS:

1. Make sure there is no flammable material within 200 feet in any direction from destruction point (para 9-5, TM 9-1300-206).
2. Make sure personnel shelter is at least 300 feet from destruction site (para 9-5, TM 9-1300-206).
3. Make sure the pit or trench is at least 4 feet deep (para 9-5, TM 9-1300-206).
4. Make sure red flag and warning signs are displayed and all access roads are blocked (para 9-5, TM 9-1300-206).

DURING DESTRUCTION OPERATIONS:

5. Make sure guards, red flag and warning signs are displayed (para 9-5, TM 9-1300-206).
6. Make sure trucks are moved after they are unloaded (para 9-5, TM 9-1300-206).
7. Make sure containers of ammunition or explosives are opened ten feet apart (para 9-5, TM 9-1300-206).
8. Make sure containers and packing materials are moved far enough to prevent charring or damage (para 9-5, TM 9-1300-206).

TASK 093-55X-3551 (Cont)

9. Make sure the explosive limits per pit/trench are not exceeded (para 9-5, TM 9-1300-206).
10. Make sure all safety precautions are taken in preparing primed charges (para 9-5, TM 9-1300-206).
11. Make sure personnel in charge of the blasting clear the area of all personnel (para 9-5, TM 9-1300-206).

AFTER DESTRUCTION OPERATIONS:

12. Make sure a search of surrounding grounds is made after each blast (para 9-5, TM 9-1300-206).
13. Make sure unexploded items are collected and destroyed with the next charge (para 9-5, TM 9-1300-206).
14. Make sure unexploded fuzed ammunition is destroyed in place when found (par 9-5, TM 9-1300-206).

REFERENCES

FM 5-25; TM 9-1300-206; AMCR 385-100 and SOP.

**TASK 093-55X-3552
INSPECT RESIDUE/SALVAGE MATERIAL AFTER SALVAGE OPERATIONS**

CONDITIONS

You are an ammunition inspector and you have been told to conduct a sampling inspection of residue/salvage material. This task will be done in suitable weather and without references.

EQUIPMENT

1. Clipboard. 2. Paper. 3. Ballpoint pen.

STANDARDS

Do PM's correctly IAW AMCR 385-100. If you see any violations of procedures notify the team/section leader at once. Be sure safety rules are followed and items inspected do not contain explosive material.

PERFORMANCE MEASURES

1. Make sure personnel open containers and check for explosive material (para 25-7, AMCR 385-100).
2. Conduct sampling inspection of containers for explosive material (para 25-7, AMCR 385-100).
3. Be sure personnel check metal scrap for explosive material (para 25-7, AMCR 385-100).
4. Conduct sampling inspection of scrap metal for explosive material (para 25-7, AMCR 385-100).

REFERENCES

SB 742-1; AMCR 385-100 and SOP.

TASK 093-55X-3601
PUT ON PROTECTIVE CLOTHING/EQUIPMENT

CONDITIONS

You are an ammunition inspector assigned to a chemical depot. You have been told to put on protective clothing and equipment and enter a chemical storage area. In doing so, you must follow the safety rules established for the chemical storage area you are entering. This will be done in a designated area before entering the chemical storage area. TM 10-277 and the SOP will be available for use.

EQUIPMENT

1. M17Al mask.
2. M-9 mask.
3. Self-contained breathing apparatus.
4. Limited and full protective clothing as listed in TM 10-277.

STANDARDS

Do PM's correctly IAW TM 10-277 and SOP.

PERFORMANCE MEASURES

1. Select protective clothing (SOP).
2. Observe safety precautions (Front Cover TM 10-277).
3. Put on selected protective clothing as follows:
 - a. Put on limited toxicological agent protective (TAP) clothing (app B, TM 10-277).
 - b. Put on full TAP protective clothing (chap 3, TM 10-277).

REFERENCES

TM 10-277; DARCOM Reg 385-102, and SOP.

TASK 093-55X-3602

PERFORM RECEIPT INSPECTION OF CHEMICAL MUNITIONS

CONDITIONS

You are an ammunition inspector in a surveillance section and you have been told to do a receipt inspection of a lot number of chemical munitions. This task will be done in the surveillance workshop and the ammunition storage area in suitable weather. The lot number will require a receipt inspection when conditions are as follows:

- A. Item is received from another storage installation and the depot surveillance record (DSR) card indicates that an inspection was done within the specified time interval.
- B. Items are received in unsealed containers.
- C. Items are received from other storage installations in sealed containers and no DSR card is with the item or DSR card indicates that the item was not inspected within the specified time interval.

For items being inspected, the following forms and publications will be available:

FORMS	PUBLICATIONS
1. DA Form 2415 (Ammunition Condition Record).	1. DOD Reg 5154.4S.
2. DA Form 3022-R [Army Depot Surveillance Record (DSR)].	2. SB 742-1.
3. DA Form 3151-R (Ammunition Stores Slip) or DA Form 4508 (Ammunition Transfer Record).	3. Appropriate SB or Special Surveillance Instructions (SSI).
4. DD Form 1577 (Unserviceable Condemned Tag-Materiel) or DD Form 1577-1 (Unserviceable Condemned Label-Materiel).	4. Ammunition drawings.
5. Ammunition Surveillance Inspection Report (Prepared locally).	5. SOP, Inspecting chemical munitions.
	6. Supplemental related technical publications.

EQUIPMENT

- 1. Strapping and sealing equipment.
- 2. Face shield or safety goggles.
- 3. Steel-toe safety shoes.
- 4. Explosive handler's coveralls.
- 5. Leather or leather-palm gloves.
- 6. Claw hammer.
- 7. Crowbar.
- 8. Lead wire seals.
- 9. Lead wire sealer.
- 10. Protective clothing and equipment.
- 11. Pressure sensitive adhesive tape.
- 12. Surveillance workshop equipment.
- 13. Fire symbols and/or chemical hazard markers.

TASK 093-55X-3602 (Cont)

EQUIPMENT (cont)

14. Fire fighting equipment. 15. Ballpoint pen. 16. Paper.

STANDARDS

Do PM's correctly IAW DOD Reg 5154.4S, AR 725-50, FM 9-38, TM 38-750, TM 743-200-1, SB 742-1, appropriate SB or SSI, ammunition drawings, SOP, and supplemental related technical publications. All safety rules must be followed.

PERFORMANCE MEASURES

1. Select samples from storage to meet conditions A, B, and C (para 2-2, 2-21 and/or 2-22, SB 742-1).
2. Inspect additional outer packs at storage location as required to meet conditions A, B, and C.
3. Record results of inspection of outer pack on ammunition surveillance inspection report (ASIR), for conditions A, B, and C.
4. Transfer samples to surveillance workshop, that meet conditions B and C.
5. Post fire symbols/chemical hazard markers under conditions B and C (DOD Reg 5154.4S).
6. Inspect outer pack to include Department of Transportation (DOT) nomenclature and other markings for conditions A, B, and C.
7. Record and classify defects of outer pack inspection on ASIR,
8. Open and take out contents from container under conditions B and C.
9. Inspect inner pack for conditions B and C (ammunition drawings).
10. Record results of inner pack inspection on ASIR for conditions B and C.
11. Inspect items for conditions B and C (appropriate drawings and SB).
12. Perform leak sealing procedures, if required, for conditions B and C.
13. Record and classify defects of item inspection on ASIR for conditions B and C.
14. Repack items for conditions B and C IAW ammunition drawings.
15. Identify boxes as surveillance samples for conditions B and C (para 2-2c, SB 742-1).
16. Complete ASIR for conditions A, B, and C.
17. Make out an ammunition condition code (ACC) status change using DA Form 3151-R or DA Form 4508 for conditions B and C (para 3-16, FM 9-38). An ACC status change will be done when the condition code of the lot number is recommended for an ACC change.
18. Make out the right materiel tag or label for lot number in sufficient quantity for attachment to each stack meeting conditions B and C.
19. Prepare ammunition condition report (ACR) for lot numbers under conditions B and C (para 5-8, TM 38-750).
20. Get document numbers for ACC status change, materiel tags or labels and ACR under conditions B and C.

TASK 093-55X-3602 (Cont)

21. Post document numbers to the right document. All document numbers will be posted to ASIR for conditions B and C.
22. Review all reports and forms prepared for completeness and accuracy under conditions A, B, and C.
23. Send reports to the administration branch for conditions A, B, and C.

REFERENCES

DOD Reg 5154.4S; AR 700-22, AR 725-50; FM 9-38; TM 3-250, TM 9-1300-206, TM 743-200-1; SB 3 series, SB 742 series; MIL-STD-129F, ammunition drawings; DARCOM Reg. 385-102, and SOP.

TASK 093-55X-3603

PERFORM PERIODIC INSPECTION OF CHEMICAL MUNITIONS

CONDITIONS

You are an ammunition inspector and, you have been told to do a periodic inspection on a lot number of chemical munitions. The inspection will be done at the surveillance workshop or other inspection area. The following forms and publications will be available:

FORMS

1. DA Form 3151-R (Ammunition Stores Slip) or DA Form 4508 (Ammunition Transfer Record).
2. DA Form 2415 (Ammunition Condition Report).
3. DD Form 1577 (Unserviceable Condemned Tag-Materiel).
4. DD Form 1577-1 (Unserviceable Condemned Label-Materiel).
5. DD Form 1577-2 (Unserviceable Reparable Tag Materiel) or DD Form 1577-3 (Unserviceable Reparable Label-Materiel).
6. Ammunition Surveillance Inspection Report (Prepared locally).

PUBLICATIONS

1. DOD Reg 5154.4S.
2. FM 9-38.
3. SB 742-1.
4. Applicable supply bulletins or Special Surveillance Instructions (SSI).
5. Appropriate ammunition drawings.
6. Applicable SOP.
7. Related technical publications.

EQUIPMENT

1. Strapping and sealing equipment.
2. Face shield or safety goggles.
3. Steel-toe safety shoes.
4. Explosive handler's coveralls.
5. Leather or leather-palm gloves.
6. Claw hammer.
7. Crowbar.
8. Lead wire seals.
9. Lead wire sealer.
10. Protective clothing and equipment.
11. Pressure sensitive adhesive tape.
12. Surveillance workshop equipment.
13. Fire symbols and/or chemical hazard markers.
14. Fire fighting equipment.
15. Ballpoint pen.
16. Paper.

STANDARDS

Do PM's correctly IAW SB 742-1, other applicable SB's or SSI's, ammunition drawings and SOP as supplemented by related technical publications. All safety rules must be followed.

TASK 093-55X-3603 (Cont)

PERFORMANCE MEASURES

1. Select samples from storage (para 2-2, 2-21, and/or 2-22, SB 742-1).
2. Inspect additional outer packs at storage location as required.
3. Record results of inspection of outer pack on ammunition surveillance report (ASIR).
4. Move samples to surveillance workshop.
5. Post fire symbols/chemical hazard markers (DOD Reg 5154.4S).
6. Inspect outer pack to include Department of Transportation (DOT) nomenclature and other markings.
7. Record and classify defects of outer pack inspection on ASIR.
8. Open and remove contents from container.
9. Inspect inner pack (ammunition drawings).
10. Record and classify defects of inner pack inspection on ASIR.
11. Inspect items (appropriate drawings and SB's).
12. Perform leak sealing procedures if required.
13. Record and classify defects of item inspection on ASIR.
14. Repack item (applicable ammunition drawings).
15. Identify boxes as surveillance samples (para 2-2c, SB 742-1).
16. Evaluate inspection results of item and recommend the right ammunition condition code (ACC).
17. Complete ASIR.
18. Make out ACC status change, using DA Form 3151-R or DA Form 4508 (para 3-16, FM 9-38 and para 5.2.4.5.4, TM 743-200-1). An ACC status change will be done when the ACC of the lot number is recommended for an ACC change.
19. Make out the right materiel tag or label for lot number. Make enough copies to put on each stack.
20. Make out Ammunition Condition Report (ACR) for lot number if required (para 5-8, TM 38-750).
21. Get document numbers for ACC status change, materiel tags or labels and ACR.
22. Post document numbers to the right document. All document numbers will be posted to the ASIR.
23. Review all reports and forms prepared for completeness and accuracy.
24. Send reports and DSR card to the administrative branch.

REFERENCES

DOD Reg 5154.4S; AR 700-22, AR 725-50; FM 9-38; TM 3-250, TM 743-200-1; SB 742-1, other applicable SB's; ammunition drawings; DARCOM Reg 385-102, and SOP.

TASK 093-55X-3604

PERFORM PRE-ISSUE INSPECTION OF CHEMICAL MUNITIONS

CONDITIONS

You are an ammunition inspector and have been told to do a pre-issue inspection on a lot number of chemical munitions. This will be done when a lot number has not been inspected within the specified time interval. This task will be done at the surveillance workshop or other inspection area. The following forms and publications will be available:

FORMS

1. DA Form 3151-R (Ammunition Stores Slip) or DA Form 4508 (Ammunition Transfer Record).
2. DA Form 2415 (Ammunition Condition Report).
3. DD Form 1577 (Unserviceable Condemned Tag-Materiel).
4. DD Form 1577-1 (Unserviceable Condemned Label-Materiel).
5. DD Form 1577-2 (Unserviceable Reparable Tag-Materiel) or DD Form 1577-3 (Unserviceable Reparable Label-Materiel).
6. Ammunition Surveillance Inspection Report (Prepared locally).

PUBLICATIONS

1. DOD Reg 5154.4S.
2. FM 9-38.
3. SB 742-1.
4. Appropriate SB's or Special Surveillance Instructions (SSI's).
5. Ammunition drawings.
6. SOP.
7. Supplemental technical publications.

EQUIPMENT

1. Strapping and sealing equipment.
2. Face shield or safety goggles.
3. Steel-toe safety shoes.
4. Explosive handler's coveralls.
5. Leather or leather-palm gloves.
6. Claw hammer.
7. Crowbar.
8. Lead wire seal.
9. Lead wire sealer.
10. Protective clothing and equipment.

11. Pressure sensitive adhesive tape.
12. Surveillance workshop equipment.
13. Fire symbols and/or chemical hazard markers.
14. Fire fighting equipment.
15. Ballpoint pen.
16. Paper.

STANDARDS

Do PM's correctly IAW DOD Reg 5154.4S, SB 742-1, other appropriate SB's or SSI's, ammunition drawings, SOP and related technical publications. All safety rules must be followed.

TASK 093-55X-3604 (Cont)

PERFORMANCE MEASURES

1. Select samples from storage (para 2-2, 2-21, and/or 2-22, SB 742-1).
2. Inspect additional outer packs at storage location as required.
3. Record results of inspection of outer packs on ammunition surveillance inspection report (ASIR).
4. Move samples to surveillance workshop.
5. Post fire symbols/chemical hazard markers (DOD Reg 5154.4S).
6. Inspect outer pack to include Department of Transportation (DOT) nomenclature and other markings.
7. Record and classify defects of outer pack inspection on ASIR.
8. Open container and take out contents.
9. Inspect inner pack (ammunition drawings).
10. Record and classify defects of inner pack inspection on ASIR.
11. Inspect items (appropriate drawings and SB).
12. Perform lead sealing procedures if required.
13. Record and classify defects on ASIR.
14. Repack items (applicable ammunition drawings).
15. Identify boxes as surveillance samples (para 2-2c, SB 742-1).
16. Complete ASIR.
17. Make out an ammunition condition code (ACC) status change using DA Form 3151-R or DA Form 4508 (para 3-16, FM 9-38, and para 5.2.4.5.4, TM 743-200-1). An ACC status change will be done when the ACC of the lot number is recommended for change.
18. Make out the right materiel tag or label for lot number. Make enough copies to put on each stack.
19. Prepare ammunition condition report (ACR) for lot number (para 5-8, TM 38-750).
20. Get document numbers for ACC status change, materiel tags or labels and ACR.
21. Post document numbers to the right document. All document numbers will be posted to ASIR.
22. Review all reports and forms for completeness and accuracy.
23. Send reports to the administrative branch.

REFERENCES

DOD Reg 5154.4S; AR 700-22, AR 725-50; FM 9-38; TM 3-250, TM 9-1300-206, TM 743-200-1; SB 3 series, SB 742 series; ammunition drawings; DARCOM Reg 385-102, and SOP.

TASK 093-55X-3605

PERFORM SPECIAL INSPECTION OF CHEMICAL MUNITIONS

CONDITIONS

You are an ammunition inspector and have been told to do a special inspection of a lot number of chemical munitions. This inspection will be done by the direction of higher headquarters or to satisfy special or local requirements. This task will be performed at the surveillance workshop or other inspection area. The following forms and publications will be available:

FORMS

1. DA Form 3151-R (Ammunition Stores Slip) or DA Form 4508 (Ammunition Transfer Record).
2. DA Form 2415 (Ammunition Condition Report).
3. DD Form 1577 (Unserviceable Condemned Tag-Materiel).
4. DD Form 1577-1 (Unserviceable Condemned Label- Materiel).
5. DD Form 1577-2 (Unserviceable Reparable Tag Materiel) or DD Form 1577-3 (Unserviceable Repairable Label- Materiel).
6. Ammunition Surveillance Inspection Report (Prepared locally).

PUBLICATIONS

1. DOD Reg 5154.4S.
2. FM 9-38.
3. SB 742-1.
4. Other appropriate SB's or Special Surveillance Instructions (SSI's).
5. Ammunition drawings.
6. SOP.
7. Supplemental technical publications.

EQUIPMENT

1. Strapping and sealing equipment.
2. Face shield or safety goggles.
3. Steel-toe safety shoes.
4. Explosive handler's coveralls.
5. Leather or leather-palm gloves.
6. Claw hammer.
7. Crowbar.
8. Lead wire seals.
9. Lead wire sealer.
10. Protective clothing and equipment.
11. Adhesive tape.
12. Surveillance workshop equipment.
13. Fire symbols and/or chemical hazard markers.
14. Fire fighting equipment.
15. Ballpoint pen.
16. Paper.

STANDARDS

Do PM's correctly IAW DOD Reg 5154.4S, SB 742-1, other appropriate SB's or SSI's, ammunition drawings and SOP supplemented by applicable technical manuals. All safety rules must be followed.

TASK 093-55X-3605 (Cont)

PERFORMANCE MEASURES

1. Select samples from storage (para 2-2, 2-21, and/or 2-22, SB 742-1).
2. Inspect additional outer packs at storage location as required.
3. Record results of inspection of outer packs on ammunition surveillance inspection report (ASIR).
4. Move samples to surveillance workshop.
5. Post fire symbols/chemical hazard markers (DOD Reg 5154.4S).
6. Inspect outer pack to include Department of Transportation (DOT) nomenclature and other markings.
7. Record and classify defects of outer pack inspection on ASIR.
8. Open container and take out contents.
9. Inspect inner pack (ammunition drawings).
10. Record and classify defects of inner pack inspection on ASIR.
11. Inspect items (appropriate drawings and SB).
12. Perform lead sealing procedures if required.
13. Record and classify defects on ASIR.
14. Repack items (applicable ammunition drawings).
15. Identify boxes as surveillance samples (para 2-2c, SB 742-1).
16. Complete ASIR.
17. Make out an ammunition condition code (ACC) status change using DA Form 3151-R or DA Form 4508 (para 3-16, FM 9-38, and para 5.2.4.5.4, TM 743-200-1). An ACC status change will be done when the ACC of the lot number is recommended for change.
18. Make out the right materiel tag or label for lot number. Make enough copies to put on each stack.
19. Prepare ammunition condition report (ACR) for lot number (para 5-8, TM 38-750).
20. Get document numbers for ACC status change, materiel tags or labels and ACR.
21. Post document numbers to the right document. All document numbers will be posted to ASIR.
22. Review all reports and forms for completeness and accuracy.
23. Send reports to the administrative branch.

REFERENCES

DOD Reg 5154.4S; AR 700-22, AR 725-50; FM 9-38; TM 3-250, TM 9-1300-206, TM 743-200-1; SB 3 series, SB 742 series; ammunition drawings; DARCOM Reg 385-102, and SOP.

TASK 093-55X-3606

PERFORM STORAGE MONITORING INSPECTION OF CHEMICAL MUNITIONS

CONDITIONS

You are an ammunition inspector and have been told to monitor storage of chemical munitions. This task will be done in the magazine storage area. The following forms and publications will be available:

FORMS	PUBLICATIONS
1. DA Form 3022-R [Depot Surveillance Record (DSR) Card].	1. TM 3-250.
2. Ammunition Surveillance Inspection Report (Prepared locally).	2. SB 742-1. 3. Chemical SB or Special Surveillance Instruction (SSI). 4. Ammunition drawings. 5. SOP.

EQUIPMENT

- | | |
|-------------------------|---------------|
| 1. Protective clothing. | 4. Clipboard. |
| 2. M18A2 detection kit. | 5. Pencil. |
| 3. Mask. | 6. Paper. |

STANDARDS

Do PM's correctly IAW TM 3-250, TM 9-1300-206, SB 742-1, chemical SB or SSI and SOP. All safety rules will be followed.

PERFORMANCE MEASURES

1. Select right SB's or SSI.
2. Select protective clothing (table 4-3, TM 9-1300-206).
3. Verify ammunition storage location using DSR Card.
4. Check stability of items in storage.
5. Perform detection procedures using M18A2 detection kit.
6. Perform lead sealing procedures if required (TM 3-250, appropriate chemical SB).
7. Record deficiencies on ammunition surveillance inspection report (ASIR).
8. Tell the control section of any deficiencies noted during the inspection.
9. Forward ASIR to surveillance office.

REFERENCES

TM 3-250, TM 9-1300-206; SB 3 series, SB 742 series; DARCOM Reg 385-102, and SOP.

TASK 093-55X-3607

PERFORM DETECTION PROCEDURES OF SUSPECTED LEAKING TOXIC CHEMICAL AGENTS
USING M18A2 DETECTION KIT

CONDITIONS

You are assigned to the surveillance section as an ammunition inspector. You have been told to perform detection procedures of a lot number of suspected leaking toxic chemical munitions. This task will be done in a chemical storage area in all weather.

EQUIPMENT

- | | |
|---------------------------------------|-----------------|
| 1. M18A2 chemical agent detector kit. | 3. Mask. |
| 2. Protective clothing. | 4. Field phone. |

STANDARDS

Do PM's correctly IAW TM 9-1300-206, SB 742-1300-94-1 and SOP. All safety rules must be followed.

PERFORMANCE MEASURES

1. Prepare detector solutions (SB 742-1300-94-1).
2. Select and put on protective clothing and mask (TM 10-277).
3. Perform the right test for the suspected leaking chemical agent (SB 742-1300-94-1).
4. Tell the chief ammunition inspector of the test results.

REFERENCES

TM 3-250, TM 3-6665-254-12, TM 10-277; SB 3-30, SB 742-1300-94-1; DARCOM Reg 385-102, and SOP.

TASK 093-55X-3608**PREPARE CHEMICAL DECONTAMINANT FOR USE****CONDITIONS**

You are an ammunition inspector assigned to a chemical munitions storage facility. You have been told to prepare chemical decontaminants for use. This task will be done in a chemical storage area. You will be given TM 3-220 to use.

EQUIPMENT

- | | |
|------------|--------------------------|
| 1. Shovel. | 4. Water. |
| 2. Pail. | 5. Decontaminant. |
| 3. Rake. | 6. Protective equipment. |

STANDARDS

Do PM's correctly IAW TM 3-220. All safety rules must be followed.

PERFORMANCE MEASURES

1. Determine the agent to be decontaminated.
2. Select the correct decontaminants (para 24, TM 3-220).
3. Prepare decontaminant solution (para 24, TM 3-220).
4. Move decontaminant to contaminated area for use.

REFERENCES

TM 3-220 and TM 3-250.

TASK 093-55X-3609

PERFORM LEAK SEALING PROCEDURES FOR LEAKING CHEMICAL MUNITIONS

CONDITIONS

You are an ammunition inspector working in the stockpile reliability branch of a surveillance section. During inspection, you detect a leaking chemical round and must perform leak sealing procedures. This task may be done indoors or outdoors in all weather. The following publications will be available for use:

- | | |
|--------------|----------------------|
| 1. FM 3-250. | 4. TM 3-220. |
| 2. FM 3-20. | 5. TM 3-250. |
| 3. FM 3-21. | 6. TM 3-6665-254-12. |

EQUIPMENT

- | | |
|---|----------------------------------|
| 1. Toxicological agent protective clothing. | 6. Masking tape. |
| 2. Plaster of paris roll. | 7. Long-handled brush. |
| 3. Container of decontaminant for agent. | 8. Epoxy sealant. |
| 4. Container of water. | 9. Container of liquid adhesive. |
| 5. Large plastic trash bags. | 10. Chemical detector kit. |

STANDARDS

Do PM's correctly and in sequence IAW FM 3-20, FM 3-21, FM 9-15, TM 3-220, TM 3-6665-254-12, decontaminant procedures listed in table 4-2, FM 9-15. Safety rules must be followed.

PERFORMANCE MEASURES

1. Inspect leakers to determine sealant required (para 3-17, FM 3-20, SB 742-1300-94-1 and SOP).
2. Place leak in up position (para 3-16, FM 3-21 and SOP).
3. Seal leak (para 3-16, FM 3-21, SB 742-1300-94-1 and SOP).
4. Decontaminate sealed munitions (TM 3-220 and SOP).
5. Place munitions in bag and seal with tape (SB 742-1300-94-1 and SOP).
6. Perform detection procedures of sealed munitions to be sure container is not leaking (SB 742-1300-94-1).

REFERENCES

FM 3-20, FM 3-21; TM 3-220, TM 3-6665-254-12; SB 742-1300-94-1; AMCR 385-100; DARCOM Reg 385-102, and SOP.

CHAPTER 3

ADDITIONAL TASKS FOR SELECTED DUTY POSITIONS

SKILL LEVEL 4

AMMUNITION INSPECTOR ADVISOR

TASK NUMBER	TASK TITLE	PAGE
093-55X-4101	Perform Class V Quality Assurance Inspection of Subordinate Units.....	3-329
093-55X-4102	Coordinate Basic Load Inspections with Subordinate Units.....	3-330
093-55X-4103	Maintain Basic Load Inspection Files.....	3-331
093-55X-4104	Coordinate Technical Assistance for Subordinate/ Supported Units.....	3-332
093-55X-4105	Coordinate Ammunition Malfunction Investigations....	3-333
093-55X-4106	Process Intermittent Messages of Suspension, Restriction or Release of Munitions.....	3-334
093-55X-4107	Process DA Form 2415 (Ammunition Condition Report)..	3-336

CHIEF AMMUNITION INSPECTOR

PERFORMING ADMINISTRATIVE DUTIES

093-55X-4151	Review DA Form 2415 (Ammunition Condition Report)..	3-337
093-55X-4152	Review Request for Waiver of Explosive Safety Standards.....	3-338
093-55X-4153	Review Ammunition Inspection and Lot Number Report.....	3-339
093-55X-4154	Review DD Form 6 (Packaging Improvement Report)....	3-340
093-55X-4156	Review SF 361 (Discrepancy in Shipment Report)....	3-341
093-55X-4157	Review SF 368 (Report of Deficiencies Found in Materiel).....	3-342
093-55X-4158	Review DA Form 984 (Munition Surveillance Report)..	3-343
093-55X-4159	Review DD Form 1650 (Ammunition Data Card).....	3-344
093-55X-4160	Review DA Form 3524-R (Trace Function Test Report).	3-345
093-55X-4161	Review DA Form 3022-R [Army Depot Surveillance Record (DSR) Cards].....	3-346
093-55X-4162	Review DA Form 3023 (Gage Record).....	3-347
093-55X-4163	Review Storage Monitoring Records.....	3-348
093-55X-4164	Review Ammunition Condition Code Status Change Report.....	3-349
093-55X-4165	Review DD Form 836 (Special Instructions for Motor Vehicle Drivers).....	3-350
093-55X-4166	Review Request for Lot Number Suffix Assignment....	3-351
093-55X-4167	Check Maintenance of Suspension Restriction/Release Files.....	3-352

TASK NUMBER	TASK TITLE	PAGE
093-55X-4168	Review Ammunition Malfunction Investigation Report..	3-353
093-55X-4169	Prepare Forecast of Munitions for Stockpile	
093-55X-4171	Reliability Inspection.....	3-354
093-55X-4172	Review Storage Area and Location Inspection Reports.	3-355
093-55X-4173	Schedule Basic Load Inspections.....	3-356
093-55X-4174	Review Basic Load Inspection Reports.....	3-357
093-55X-4175	Review Inspection Results of Handling Operation.....	3-358
093-55X-4176	Review DD Form 626 (Motor Vehicle Inspection).....	3-359
093-55X-4177	Review Railroad Car Inspection Report.....	3-360
093-55X-4178	Review MILVAN Inspection Report.....	3-361
093-55X-4179	Review Results of Inspection of Destruction Sites...	3-362
093-55X-4180	Review Ammunition Surveillance Inspection Reports...	3-363
093-55X-4181	Review Results of Inspection of Maintenance Facilities.....	3-364
	Review Class V Maintenance Acceptance Reports.....	3-365
 PERFORMING SURVEILLANCE DURING TRANSPORTATION OPERATIONS		
093-55X-4201	Monitor Inspection of Motor Vehicles.....	3-367
093-55X-4202	Monitor Inspection of Railroad Cars.....	3-368
093-55X-4203	Monitor Inspection of MILVAN Container.....	3-369
093-55X-4204	Monitor Munitions Prepared for Air Shipment.....	3-370
 PERFORMING SURVEILLANCE OF MUNITION HANDLING OPERATIONS		
093-55X-4251	Monitor Munition Handling Operation Inspection.....	3-371
 PERFORMING STOCKPILE RELIABILITY		
093-55X-4301	Monitor Storage Area and Location Inspections.....	3-372
093-55X-4302	Monitor Personnel Selecting Samples of Munitions for Inspection.....	3-373
093-55X-4303	Monitor Munition Inspections.....	3-374
093-55X-4304	Monitor Shillelagh GM/Container Inspection.....	3-375
093-55X-4305	Monitor Operational Check of Shillelagh GM Test Set.	3-376
093-55X-4306	Monitor GO/NO GO Testing of Shillelagh GM.....	3-377
093-55X-4307	Monitor TOW GM/Container Inspection.....	3-378
093-55X-4308	Monitor Dragon GM/Container Inspection.....	3-380
093-55X-4309	Monitor Lance GM/Class V Components Inspection.....	3-381
093-55X-4310	Monitor Lance Detanking Operations.....	3-382
093-55X-4311	Monitor Air Testing of Propelling Charge Containers.	3-384
093-55X-4312	Monitor Pershing GM/Class V Components Inspection...	3-385
093-55X-4314	Monitor Nike Hercules GM/Class V Components Inspection.....	3-387

TASK NUMBER	TASK TITLE	PAGE
093-55X-4316	Monitor HAWK GM/Class V Components Inspection.....	3-390
093-55X-4318	Monitor Redeye GM/Container Inspection.....	3-392
093-55X-4319	Monitor Chaparral GM/Container Inspection.....	3-393
093-55X-4320	Monitor Basic Load Inspections.....	3-394
093-55X-4321	Monitor Preparation of Ammunition Test Samples for Shipment.....	3-395
093-55X-4322	Conduct Malfunction Investigation.....	3-396
093-55X-4323	Put on Protective Clothing/Equipment.....	3-397
093-55X-4324	Monitor Toxic Chemical Munition Inspections.....	3-398
093-55X-4325	Monitor Detection Procedures Used to Detect Leaking Toxic Chemical Agents.....	3-399
093-55X-4326	Monitor Preparation of Chemical Decontaminants.....	3-400
093-55X-4327	Monitor Leak Sealing Procedures for Leaking Toxic Chemical Munitions.....	3-401
093-55X-4329	Monitor Personnel Performing Function Test of Selected Munitions.....	3-402
093-55X-4330	Conduct Small Arms Trace Test.....	3-403
093-55X-4331	Conduct Function Test of Cartridge 40mm.....	3-407
093-55X-4332	Conduct Function Test of Hand Grenade Fuze.....	3-409
093-55X-4333	Conduct Function Test of Illuminating Hand Grenades.	3-411
093-55X-4334	Conduct Function Test of Riot Control Hand Grenades.	3-413
093-55X-4335	Conduct Function Test of Smoke Hand Grenades.....	3-414
093-55X-4336	Conduct Function Test of Fragmentation Hand Grenades.....	3-415
093-55X-4337	*Conduct Function Test of Antipersonnel Mines.....	3-416
093-55X-4338	Conduct Function Test of Mine Fuze.....	3-418
093-55X-4339	Conduct Function Test of Ground Illumination Signals.....	3-419
093-55X-4340	Conduct Function Test of Aircraft Illumination Signals.....	3-421
093-55X-4341	Conduct Function Test of Ground Smoke Signals.....	3-423
093-55X-4342	Conduct Function Test of HC Smoke Pots.....	3-425
093-55X-4343	Conduct Function Test of Firing Devices.....	3-426
093-55X-4344	Conduct Function Test of Time Blasting Fuse Igniters.....	3-428
093-55X-4345	Conduct Function Test of Blasting Caps.....	3-429
093-55X-4346	Conduct Function Test of Detonators.....	3-431
093-55X-4347	Conduct Function Test of Incendiary Hand Grenades...	3-432
093-55X-4348	Conduct Function Test of Simulators.....	3-434
093-55X-4349	Conduct Function Test of Surface Trip Flares.....	3-436
093-55X-4350	Conduct Function Test of WP Grenades.....	3-438
 PERFORMING SURVEILLANCE OF MAINTENANCE OPERATIONS		
093-55X-4401	Monitor Maintenance Facilities Inspections.....	3-440
093-55X-4402	Monitor In-Process Verification Inspection.....	3-442

TASK NUMBER	TASK TITLE	PAGE
093-55X-4403	Monitor Inspection of Class V Maintenance Operations.....	3-444
	PERFORMING SURVEILLANCE OF DISPOSAL/SALVAGE OPERATIONS	
093-55X-4451	Monitor an Inspection of Disposal Site.....	3-445
093-55X-4452	Monitor Salvage Operation Inspections.....	3-446
093-55X-4453	Monitor Residue/Salvage Material Inspections.....	3-447
	DIRECTING EMERGENCY DESTRUCTION OF MUNITIONS	
093-55X-4501	Direct Emergency Destruction of Ammunition by Burning.....	3-448
093-55X-4502	Direct Emergency Destruction of Ammunition by Detonation.....	3-449

TASK 093-55X-4101

PERFORM CLASS V QUALITY ASSURANCE INSPECTION OF SUBORDINATE UNITS

CONDITIONS

You are an ammunition inspector advisor and must perform a Class V quality assurance inspection of a subordinate unit. The task will be done at the ammunition activity. SOP will be available for use.

EQUIPMENT

Clipboard, ballpoint pen and paper.

STANDARDS

Do Performance Measures (PM's) correctly in accordance with (IAW) TM 9-1300-206 and SOP. All safety rules must be observed. All entries on surveillance records and reports must be legible and correct.

PERFORMANCE MEASURES

1. Inspect safety procedures and note all violations.
2. Check for proper storage and compatibility.
3. Insure proper security of ammunition.
4. Inspect fire prevention measures.
5. Inspect surveillance records and administration.
6. Check that the proper protective clothing and equipment is available and used as required.
7. Check for critical shortages of equipment or supplies.
8. Check that key personnel are being cross trained.
9. Verify how the ammunition condition code for a lot number of ammunition is determined.
10. Check that serviceable and unserviceable ammunition is being physically segregated in storage.
11. Check that broken packages are inspected and repaired before being placed in final storage.
12. Check that suspended ammunition is physically marked.
13. Check that proper steps are being taken to locate, placard, and restrict unserviceable and dangerous lot numbers from issue.
14. Tell the chief ammunition inspector of all deficiencies and safety hazards noted during inspection.

REFERENCES

TM 9-1300-206 and SOP.

TASK 093-55X-4102

COORDINATE BASIC LOAD INSPECTIONS WITH SUBORDINATE UNITS

CONDITIONS

You are an ammunition inspector advisor working in an ammunition battalion, ammunition brigade, ammunition group or in a division ammunition office. You must coordinate basic load inspections with subordinate units. This task will be done in an office. The SOP and command directives will be available and used.

EQUIPMENT

Telephone, telephone directory, paper, and ballpoint pen.

STANDARDS

Do PM's correctly IAW SOP and command directives.

PERFORMANCE MEASURES

NOTE: PM's 1 thru 4 will be done when working in an ammunition battalion, ammunition group or ammunition brigade.

1. Review request for a basic load inspection from a newly located unit.
2. Decide what subordinate unit will perform the basic load inspection.
3. Inform the subordinate unit that it has been given an additional unit for basic load inspections.
4. Inform requesting unit of the subordinate unit that will be performing the basic load inspection.

NOTE: PM's 5 thru 8 will be done when working in a division ammunition office.

5. Review schedule of basic load inspections.
6. Decide what units need inspections.
7. Notify supported unit of the scheduled date for the inspections.
8. Inform your supervisor of the scheduled inspection.

REFERENCES

SOP and command directives.

TASK 093-55X-4103

MAINTAIN BASIC LOAD INSPECTION FILES

CONDITIONS

You are an ammunition inspector advisor, and you must maintain basic load inspection reports. This task will be performed in the surveillance office. Basic load inspection report and SOP must be available.

EQUIPMENT

Ballpoint pen, paper and file cabinet.

STANDARDS

Do PM's correctly IAW SOP. All entries on basic load reports must be legible and correct.

PERFORMANCE MEASURES

1. Receive report from subordinate unit.
2. Review report for any noted deficiencies and corrective action to be taken.
3. Evaluate report for completeness and accuracy.
4. Forward report to supported unit.
5. Be sure a copy of report is filed.

REFERENCES

TM 9-1300-206 and SOP.

TASK 093-55X-4104

COORDINATE TECHNICAL ASSISTANCE FOR SUBORDINATE/SUPPORTED UNITS

CONDITIONS

You are an ammunition inspector advisor, and you have a request for technical assistance from a subordinate or supported unit. You must evaluate the request and provide information and/or send personnel to help the unit correct the problem. This task will be done in an office.

EQUIPMENT

Clipboard and pencil.

STANDARDS

Do PM's correctly IAW AR 700-4, SOP and command directives.

PERFORMANCE MEASURES

1. Evaluate request to determine if help is required.
2. Research the problem area and determine if it is within your capability.
3. Determine the number of personnel required for a liaison team.
4. Select a team chief for the liaison team.
5. Brief the team chief.
6. Select additional team members as required.
7. Make sure administrative actions required for a liaison team are started.
8. Tell supervisor of actions taken.
9. Inform the requesting unit of the help available to include the team's expected date of arrival.

NOTE: PM's 10 thru 12 will be done if assistance cannot be provided.

10. Initiate measures to get help required by the unit.
11. Tell your supervisor of action taken.
12. Inform unit that help is not available at your level and that you have taken action to obtain the required help.

REFERENCES

AR 700-4; FM 9-59; command directives and SOP.

**TASK 093-55X-4105
COORDINATE AMMUNITION MALFUNCTION INVESTIGATIONS**

CONDITIONS

You are an ammunition inspector advisor.. You have been told to coordinate an ammunition malfunction investigation at your office. AR 75-1, and SOP will be available and used.

EQUIPMENT

Ballpoint pen and paper.

STANDARDS

Do PM's correctly IAW AR 75-1.

PERFORMANCE MEASURES

1. Determine the unit to conduct malfunction investigation.
2. Brief the chief ammunition inspector of selected unit on the location and available information on the malfunction.
3. Send preliminary report to higher headquarters if required.
4. Notify all subordinate units to temporarily suspend suspect ammunition.
5. Verify that malfunction investigation was done.
6. Debrief chief ammunition inspector of selected unit.
7. Verify that copies of detailed reports are distributed IAW SOP.
8. Assure disposition of suspended munitions, fragments and/or residue resulting from malfunction IAW SOP.

REFERENCES

AR 75-1 and SOP.

TASK 093-55X-4106

PROCESS INTERIM MESSAGES OF SUSPENSION, RESTRICTION OR RELEASE OF MUNITIONS

CONDITIONS

You are an ammunition inspector advisor, and you have received a message to suspend, restrict or release a lot number of ammunition. This task will be done in an office. The following documents and publications will be available:

- | | |
|--|---------------------|
| 1. Ammunition Suspension Restriction/
Release Register. | 5. AR 710-2. |
| 2. Document Register. | 6. TB 9-1300-385-1. |
| 3. Appropriate interim change notices. | 7. TB 9-1300-385-2. |
| 4. AR 75-1. | 8. SB 742-1. |
| | 9. SOP. |

EQUIPMENT

Telephone, ballpoint pen and paper.

STANDARDS

Do PM's correctly IAW AR 75-1, AR 710-2, FM 9-38, TB 9-1300-385-1, TB 9-1300-385-2, and SB 742-1. All entries on records and reports must be legible and correct.

PERFORMANCE MEASURES

NOTE: PM's 1 thru 5 will apply to processing a suspension.

1. Determine type of suspension (chap 3, AR 75-1 and TB 9-1300-385-2).
2. Make sure suspension is posted to suspension register (para 4-2b, SB 742-1).
3. Telephone suspension to all subordinate units (para 2-3, AR 75-1).
4. Be sure a copy of the message of suspension is sent to all units concerned (para 2-3, AR 75-1).
5. Be sure a copy of the interim messsage received is filed.

NOTE: PM's 6 thru 9 apply to release of restriction or suspension.

6. Make sure release is posted to suspension, restriction/release register (para 4-2b, SB 742-1).
7. Telephone release to subordinate units (para 2-3, AR 75-1).
8. Make sure a message verifying telephone conversation is sent to all units concerned (para 2-3, AR 75-1).
9. Make sure message is filed.

TASK 093-55X-4106 (Cont)

NOTE: PM's 10 thru 13 apply to receipt of a restriction notification.

10. Verify that the restriction is posted to the proper register (para 4-2, SB 742-1).
11. Telephone restriction to all subordinate units (para 2-3, AR 75-1).
12. Make sure message on restriction verifying telephone conversation is sent to all units (para 2-3, AR 75-1).
13. File interim message.

REFERENCES

AR 75-1, AR 710-2, AR 725-50; TB 9-1300-385-1, TB 9-1300-385-2 and SB 742-1.

**TASK 093-55X-4107
PROCESS DA FORM 2415 (AMMUNITION CONDITION REPORT)**

CONDITIONS

You are an ammunition inspector advisor working in the Assistant Chief of Staff (AC of S) ammunition, surveillance office. You must review and process a DA Form 2415 (ACR) received from a subordinate unit. This task will be done in the office. You will be given the ACR, TM 38-750, command directives and the SOP.

31

EQUIPMENT

Ballpoint pen and paper.

STANDARDS

Do PM's correctly IAW TM 38-750, local command directives and the SOP.

PERFORMANCE MEASURES

1. Log the ACR in the document register as being received.
2. Review the ACR and make sure of the following:
 - a. Correct number of copies received.
 - b. Descriptive information of the lot or serial number is complete.
 - c. Information in the "details" block describes the conditions that warrant the ACR.
 - d. Recommendations reflect good judgment for the conditions listed.
 - e. Proper ammunition condition code recommended based on conditions and recommendations made in the "details" block.
 - f. Proper type of report based on the information in the "details" block.
 - g. All proper blocks have been completed.
 - h. Reports signed and dated.
3. List comments on a sheet of paper of errors noted during review of the report.
4. Log the ACR in the document register before forwarding.
5. Send the ACR, if correct, to the address on the report.
6. Return the report, if it is in error, to the subordinate unit with your comments.
7. File a copy of the ACR.

REFERENCES

AR 725-50; FM 9-38; TM 38-750; command directives and SOP.

TASK 093-55X-4151

REVIEW DA FORM 2415 (AMMUNITION CONDITION REPORT)

CONDITIONS

You are the chief ammunition inspector and you must review a DA Form 2415 (ACR) prepared by a subordinate member of your section. The prepared DA Form 2415, TM 38-750, local command directives, SOP and any supporting documents which indicate reason for submission of report must be available and used.

EQUIPMENT

Pencil and paper.

STANDARDS

Do PM's correctly IAW para 5-8, TM 38-750 when reviewing a completed DA Form 2415. All entries must be correct and legible.

PERFORMANCE MEASURES

1. Review supporting documents to make sure a need exists to submit the report.
2. Review the DA Form 2415 for the following:
 - a. Correct number of copies prepared.
 - b. Continuation sheet prepared as required.
 - c. Blocks 1 thru 37 are completed as required.
 - d. Block 38 contains a narrative of conditions and circumstances as required, supported by photographs when required, and contains details for disposal and unserviceable requirements.
 - e. Block 39 and 40 for name, grade or title and signature of individual approving submission of report.
3. Note errors in the report and tell the individual who prepared the report. Make sure all corrections are made before report is forwarded.
4. Send the completed DA Forms 2415 to the commanding officer.

REFERENCES

DOD Manual 4160-21M; AR 725-50, AR 735-11, AR 755-2; TM 38-750; AMCR 711-3, AMCR 755-8; command directives and SOP.

TASK 093-55X-4152

REVIEW REQUEST FOR WAIVER OF EXPLOSIVE SAFETY STANDARDS

CONDITIONS

You must review a request for waiver of explosive safety standards prepared by a subordinate. You must insure it is complete and correct according to AR 740-1 and other documents supporting a request for waiver.

EQUIPMENT

Pencil and paper.

STANDARDS

Do PM's correctly IAW AR 740-1 and the applicable SOP. All entries must be correct and legible.

PERFORMANCE MEASURES

1. Review the waiver to insure it has been prepared IAW AR 740-1.
2. Review supporting documents, such as maps, drawings and documented safety violations to be sure they are correct.
3. Review quantity-distance standard (para 4-6, AR 740-1).
4. Review authority (para 4-7, AR 740-1).
5. Review responsibilities (para 4-8, AR 740-1).
6. Review request for waiver for requirements (para 4-9b, AR 740-1) and submission (para 4-9c, AR 740-1).
7. Review time limitations (para 4-10, AR 740-1).
8. Review safety measures (para 4-11, AR 740-1).
9. Correct errors found.
10. Submit request to commanding officer.

REFERENCES

AR 740-1.

TASK 093-55X-4153

REVIEW AMMUNITION INSPECTION AND LOT NUMBER REPORT

CONDITIONS

You are a chief ammunition inspector, and you must review the ammunition and lot number report. This report was prepared by a subordinate inspector in your section. This task will be done in the office. You will be given an Army depot surveillance record (DSR) card file, suspension, restriction/release register, file copy of previous report, locally produced worksheets, and a copy of the current report. AR 700-22 and SB 742-1 must be available and used.

EQUIPMENT

Pen.

STANDARDS

Do PM's correctly IAW AR 700-22 and SB 742-1. All entries must be correct and legible.

PERFORMANCE MEASURES

1. Review information in columns of sec 1 of the report (para 3-4, AR 700-22).
2. Select the right DSR cards (para 4-2a, SB 742-1).
3. Check entries on report against information on DSR cards to be sure report is correct (para 4-2a, SB 742-1 and para 3-4, AR 700-22).
4. Review information in columns of sec II (para 3-4, AR 700-22).
5. Review suspension restriction/release register, DSR cards and previous feeder report to detect suspended items reported as serviceable assets (para 3-4, AR 700-22).
6. Make sure information concerning suspension reported as serviceable, is correct and put in the right columns of sec II (para 3-4, AR 700-22).
7. Note any errors and inform individual who prepared the report.
8. Submit report to appropriate headquarters.

REFERENCES

AR 700-22, AR 725-50; FM 9-38 and SB 742-1.

**TASK 093-55X-4154
REVIEW DD FORM 6 (PACKAGING IMPROVEMENT REPORT)**

CONDITIONS

You are the chief ammunition inspector. You must review DD Form 6 prepared by a subordinate. This task will be done in a surveillance office. The following forms and publications will be available:

FORMS

1. DD Form 6 (Packaging Improvement Report).
2. DD Form 1348-1 (DOD Single Line Item Release/Receipt Document).
3. DD Form 1384-1 (In-transit Data Card).
4. DA Form 2064 (Document Register for Supply Action).
5. Ammunition Surveillance Inspection Report.

PUBLICATIONS

1. AR 700-58.
2. SB 742-1.
3. Appropriate military history, photographs and sketches.

EQUIPMENT

Ballpoint pen.

STANDARDS

Do PM's correctly IAW AR 700-58, SB 742-1 and supporting documents. All entries must be correct and legible.

PERFORMANCE MEASURES

1. Review blocks 1 thru 11 using data from supporting documents (para 2-3, AR 700-58).
2. Review copies furnished (app B, AR 700-58).
3. Review military history, photographs or sketches (para 2-3, AR 700-58).
4. Note errors found and counsel the person who prepared the report.
5. Submit to consignor.

REFERENCES

AR 700-58 and SB 742-1.

**TASK 093-55X-4156
REVIEW SF 361 (DISCREPANCY IN SHIPMENT REPORT)**

CONDITIONS

As the chief ammunition inspector of a surveillance section you must review a SF 361, prepared by a subordinate. This task will be done in the office. The following forms and publications will be available:

FORMS

1. DD Form 1348-1 (DOD Single Line Item Release/Receipt Document).
2. DD Form 1348-1 (In-transit Data Card).
3. Ammunition Surveillance Inspection Report.
4. Document Register.

PUBLICATIONS

1. AR 55-38.
2. SB 742-1.

EQUIPMENT

Pencil and paper.

STANDARDS

Do PM's correctly IAW AR 55-38, SB 742-1, and supporting documents.

PERFORMANCE MEASURES

1. Review blocks 1 thru 10 using data from supporting documents (para 4-10b, AR 55-38).
2. Review blocks 11-A thru 11-N using data from supporting documents (para 4-10b (11), AR 55-38).
3. Review blocks 12-A thru 12-J using data from supporting documents (para 4-10b (12), AR 55-38).
4. Review blocks 13, 14, 15 and 16A using data from supporting documents (para 4-10b, AR 55-38).
5. Note any errors found and tell the inspector who prepared the report.
6. Send report to vendor.

REFERENCES

AR 55-38 and SB 742-1.

TASK 093-55X-41 57
REVIEW SF 368 (REPORT OF DEFICIENCIES FOUND IN MATERIEL)

CONDITIONS

You are the chief ammunition inspector and must review a SF 368. This task will be done in the surveillance office. An ammunition surveillance inspection report (prepared locally), AR 702-7, a prepared SF 368, and SOP must be available and used.

EQUIPMENT

Ballpoint pen and paper.

STANDARDS

Do PM's correctly IAW AR 702-7 and SOP. All entries must be correct and legible.

PERFORMANCE MEASURES

1. Verify information in blocks 1 thru 21 of SF 368.
2. Make sure defect information in block 22 is complete and accurate.
3. Note any errors.
4. Counsel ammunition inspector on discrepancies noted.
5. Send the report to the commander for signature.

REFERENCES

AR 702-7 and SB 742-1.

TASK 093-55X-4158

REVIEW DA FORM 984 (MUNITION SURVEILLANCE REPORT)

CONDITIONS

You are the chief ammunition inspector and must review DA Form 984. This task will be done in the surveillance office. SB 742-1, message with instruction for shipment of test samples, DA Form 984, and SB for item being tested will be available and used.

EQUIPMENT

Ballpoint pen and paper.

STANDARDS

Do PM's correctly IAW SB 742-1 and SB for item being tested. All entries must be correct and legible.

PERFORMANCE MEASURES

1. Verify information extracted from the right documents.
2. Be sure information in blocks 1 thru 19 is correct.
3. Be sure inspection and function test characteristics are correct.
4. Verify information in defects/defectives columns.
5. Verify the total number of defects observed for each sample.
6. Make sure functional defects are summarized by type and quantity.
7. Verify additional information pertinent to the test not previously recorded on DA Form 984.
8. Review DA Form 984 for completeness and accuracy and sign it.

REFERENCES

SB 742-1 and other SB's.

TASK 093-55X-4159

REVIEW DD FORM 1650 (AMMUNITION DATA CARD)

CONDITIONS

You are a chief ammunition inspector, and you must review a DD Form 1650 prepared or posted by a subordinate. This task will be done in the office. The following documents will be available:

1. Ammunition Data Card File.
2. Final Acceptance Report.
3. DA Form 985 (Data Sheet for Grand Lots, Miscellaneous Lots or Depot Lots).
4. Sampling worksheets.
5. Message assigning the lot number suffix.
6. MIL-STD 1167C.
7. Depot Maintenance Work Requirements (DMWR).

EQUIPMENT

Ballpoint pen.

STANDARDS

Do PM's correctly IAW TM 9-1300-206, SB 742-1 and MIL-STD 1167C. All entries must be correct and legible to include new lot numbers.

PERFORMANCE MEASURES

1. Make sure that DD Form 1650 has been prepared or posted (MIL-STD 1167C).
2. Review acceptance report and sampling worksheets.
3. Verify information taken from reports and DMWR is correct.
4. Review data entered on ammunition data card for completeness and accuracy.
5. Submit ammunition data card to the Assistant Chief of Staff, ammunition surveillance office.
6. File a copy of the ammunition data card.

REFERENCES

TM 9-1300-250; SB 742-1 and MIL-STD 1167C.

TASK 093-55X-4160

REVIEW DA FORM 3524-R (TRACE FUNCTION TEST REPORT)

CONDITIONS

You are the chief ammunition inspector and must review a DA Form 3524-R prepared by a subordinate. This task will be done in the office. SB 742-1, SB 742-1305-1 and supporting worksheets will be available.

EQUIPMENT

Pencil and paper.

STANDARDS

Do PM's correctly IAW SB 742-1 and SB 742-1305-1.

PERFORMANCE MEASURES

1. Review heading of trace function test report for completeness.
2. Review column A thru Q for completeness and accuracy by comparing the DA Form 3524-R with supporting worksheets.
3. Correct all errors/discrepancies noted.
4. Tell the subordinate inspector of any discrepancies noted.
5. Send the ammunition data card to the Chief of Staff, ammunition, surveillance office for action.

REFERENCES

SB 742-1 and SB 742-1305-1.

TASK 093-55X-4161

REVIEW DA FORM 3022-R [ARMY DEPOT SURVEILLANCE RECORD (DSR)] CARD

CONDITIONS

You are the chief ammunition inspector and must periodically review DSR cards prepared by subordinates. This task will be done in the office. The following will be available for use:

- | | |
|---|---------------|
| 1. DSR card file. | 3. AR 700-22. |
| 2. Ammunition Surveillance Inspection Report (ASIR) or a message. | 4. AR 710-9. |
| | 5. SB 742-1. |

EQUIPMENT

Ballpoint pen and paper.

STANDARDS

Do PM's correctly IAW AR 700-22, AR 710-9 and SB 742-1.

PERFORMANCE MEASURES

1. Select the proper DSR card and supporting document from file.
2. Verify the information from ASIR or message was extracted and entered correctly.
3. Make sure ammunition inspector's name and initials are entered below remarks certifying the inspection.
4. Note discrepancies.
5. Tell the subordinate inspector of any discrepancies noted.
6. Return DSR card and supporting document to files.

REFERENCES

AR 700-22, AR 710-9, AR 725-40; FM 9-38 and SB 742-1.

TASK 093-55X-4162
REVIEW DA FORM 3023 (GAGE RECORD)

CONDITIONS

You are the chief ammunition inspector and must review the gage records being used on the maintenance lines and in the surveillance workshop. This task will be done in the office. The gage record file and SB 742-1 will be available and used.

EQUIPMENT

Ballpoint pen and paper.

STANDARDS

Do PM's correctly IAW SB 742-1.

PERFORMANCE MEASURES

1. Select the right gage record card from file.
2. Be sure all blocks and columns of gage record card has been correctly posted.
3. Make sure gage has not exceeded requirements for dimensional check.
4. Return gage record card to file.

REFERENCES

SB 742-1.

**TASK 093-55X-4163
REVIEW STORAGE MONITORING RECORDS**

CONDITIONS

You are the chief ammunition inspector and must review storage monitoring records. This task will be done in the surveillance office. Monitor storage records and worksheets; for example, humidity indicator inspection worksheet. SB 742-1, DSR Cards, and SOP will be available.

EQUIPMENT

Ballpoint pen, paper, and clipboard.

STANDARDS

Do PM's correctly IAW SB 742-1 and SOP.

PERFORMANCE MEASURES

1. Select worksheet from files.
2. Select corresponding storage monitoring record from file.
3. Verify that information from the worksheet has been posted to storage monitoring record.
4. Make sure all nonstandard conditions noted on worksheet are entered on corresponding DSR card.
5. Note discrepancies.
6. Tell the subordinate inspector of all discrepancies noted.
7. Return worksheet and storage monitoring record to the files.

REFERENCES

SB 742-1.

TASK 093-55X-4164

REVIEW AMMUNITION CONDITION CODE STATUS CHANGE REPORT

CONDITIONS

You are the chief ammunition inspector and must periodically review ammunition condition code (ACC) status change reports prepared by subordinate inspectors. This task will be done in the office. The following forms and publications will be available for use:

FORMS

1. DA Form 3151-R (Ammunition Stores Slip) or DA Form 4508 (Ammunition Transfer Record) prepared as an ACC status change.
2. Ammunition Suspension, Restriction/Release Register.
3. Document Register.
4. Army Depot Surveillance Record (DSR) Card File.

PUBLICATIONS

1. FM 9-38.
2. TM 743-200-1.
3. SB 742-1.
4. SOP.

EQUIPMENT

Pencil and paper.

STANDARDS

Do PM's correctly IAW FM 9-38, TM 743-200-1, SB 742-1 and SOP.

PERFORMANCE MEASURES

1. Be sure the correct document number is present authorizing the change in ACC.
2. Be sure the item description is correct to include lot number.
3. Be sure the proper ACC has been entered on the document.
4. Be sure the proper remarks are recorded on the document.
5. Be sure the subordinate inspector has signed and dated the document.
6. Record all discrepancies noted during review on a sheet of paper.
7. Tell the subordinate inspector of the discrepancies noted.

REFERENCES

AR 725-50; FM 9-38; TM 743-200-1; TB 9-1300-385-1, TB 9-1300-385-2 and SB 742-1.

TASK 093-55X-4165

REVIEW DD FORM 836 (SPECIAL INSTRUCTIONS FOR MOTOR VEHICLE DRIVERS)

CONDITIONS

You are the chief ammunition inspector and periodically must review DD Form 836. This task will be done in the office. Completed DD Form 836, AR 55-355, and SOP will be available.

EQUIPMENT

Ballpoint pen and paper.

STANDARDS

Do PM's correctly IAW AR 55-355.

PERFORMANCE MEASURES

1. Get DD Form 836 from file.
2. Review heading of DD Form 836 (para 216019, AR 55-355).
3. Verify "In Case of Fire" instructions on DD Form 836 (para 216019, AR 55-355).
4. Verify "In Case of Accident" instructions on DD Form 836 (para 216019, AR 55-355).
5. Verify "Other Specific Precautions" on DD Form 836 (para 216019, AR 55-355).
6. Make sure driver's signature is on file copy of DD Form 836.
7. Return DD Form 836 to files.

REFERENCES

AR 55-355; FM 9-38 and TM 9-1300-206.

TASK 093-55X-4166
REVIEW REQUEST FOR LOT NUMBER SUFFIX ASSIGNMENT

CONDITIONS

You are the chief ammunition inspector and must review a request for a lot number suffix submitted from the maintenance section. This task will be done in the office. AR 105-31, TM 9-1300-250, SB 742-1, maintenance work order or ammunition condition report, MIL-STD-1168, completed DD Form 173 (Joint Message Form) and SOP will be available.

EQUIPMENT

Ballpoint pen and paper.

STANDARDS

Do PM's correctly IAW AR 105-31, TM 9-1300-250 and SB 742-1.

PERFORMANCE MEASURES

1. Make sure the lot number suffix is required.
2. Review the request for completeness.
3. Be sure no more than 69 characters, including spaces, are on any one line.
4. Verify mailing address.
5. Send the request to the commander or adjutant for signature.

REFERENCES

AR 105-31; TM 9-1300-250; SB 742-1 and MIL-STD-1168.

**TASK 093-55X-4167
CHECK MAINTENANCE OF SUSPENSION, RESTRICTION/RELEASE FILES**

CONDITIONS

You are the chief ammunition inspector and must periodically check the suspension, restriction/release files to be sure they are being maintained correctly. The task will be done in the office. You will be given the ammunition suspension, restriction/release register, document register, and interim change notices. AR 75-1, TB 9-1300-385-1, TB 9-1300-385-2 and SB 742-1 will be available.

EQUIPMENT

Pencil and paper.

STANDARDS

Do PM's correctly IAW AR 75-1, TB 9-1300-385-1, TB 9-1300-385-2, and SB 742-1.

PERFORMANCE MEASURES

1. Check TB 9-1300-385-1 and TB 9-1300-385-2 to be sure both are current.
2. Be sure all interim change notices are present and each has been posted to the ammunition suspension, restriction/release register and the document register.
3. Check TB 9-1300-385-1 and TB 9-1300-385-2 to be sure all changes in suspension or release from suspension have been posted.
4. Record all discrepancies noted during examination of the file on a sheet of paper.
5. Tell subordinate inspector responsible for maintaining suspension, restriction/release file of the discrepancies noted.

REFERENCES

AR 75-1, AR 710-2, AR 725-50; TB 9-1300-385-1, TB 9-1300-385-2 and SB 742-1.

TASK 093-55X-4168

REVIEW AMMUNITION MALFUNCTION INVESTIGATION REPORT

CONDITIONS

You are the chief ammunition inspector and must review an ammunition malfunction investigation report. This task will be done in the office. AR 75-1 will be available.

EQUIPMENT

Ballpoint pen.

STANDARDS

Do PM's correctly IAW AR 75-1.

PERFORMANCE MEASURES

1. Verify information on preliminary report.
2. Verify that ammunition involved was suspended locally.
3. Verify facts bearing on malfunction investigation.
4. Make sure detailed report is complete and accurate.
5. Verify disposition instructions for suspended munitions, fragments, and/or residue resulting from malfunction.

REFERENCES

AR 75-1, AR 385-62, AR 385-63; TM 38-750, TM 9-1300-206, the right TM, SB, and drawings for ammunition involved.

TASK 093-55X-4169

PREPARE FORECAST OF MUNITIONS FOR STOCKPILE RELIABILITY INSPECTION

CONDITIONS

You are the chief ammunition inspector, and must prepare a forecast of munitions that require inspection during the next scheduled period. The task will be done in the office. Locally prepared worksheets, Army depot surveillance record (DSR) card file, and SB 742-1 will be available and used.

EQUIPMENT

Pencil and paper.

STANDARDS

Do PM's correctly IAW SB 742-1.

PERFORMANCE MEASURES

1. Review DA Form 3022-R, DSR cards, and determine inspection due date.
2. Record the lot number, nomenclature, NSN, location and due date of item that need to be inspected. Use locally prepared form or worksheet.
3. Make sure worksheet agrees with DSR card file.
4. Review the final worksheet when typed.
5. Forward a copy of the forecast to the stockpile reliability branch.

REFERENCES

SB 742-1.

TASK 093-55X-4171

REVIEW STORAGE AREA AND LOCATION INSPECTION REPORTS

CONDITIONS

You are the chief ammunition inspector and must review storage area and location inspection reports. Task will be done in the office. You will be given storage area and location inspection reports, TM 9-1300-206, and SB 742-1 for use.

EQUIPMENT

Ballpoint pen and paper.

STANDARDS

Do PM's correctly IAW TM 9-1300-206 and SB 742-1.

PERFORMANCE MEASURES

1. Select storage area and location inspection report.
2. Make sure storage conditions comply with prescribed safety standards.
3. Evaluate storage procedures.
4. Make sure corrective action has been started on all conditions found to be substandard.
5. Inform the ammunition inspectors who made the reports of all discrepancies found.
6. Return reports to files.

REFERENCES

TM 9-1300-206 and SB 742-1.

**TASK 093-55X-4172
SCHEDULE BASIC LOAD INSPECTIONS**

CONDITIONS

You are the chief ammunition inspector and you must schedule basic load inspections for supported units. This task will be done in the office using inspection records, SB 742-1 and SOP.

EQUIPMENT

Ballpoint pen and paper.

STANDARDS

Do PM's correctly IAW SB 742-1 and SOP.

PERFORMANCE MEASURES

1. Review last inspection for defects noted.
2. Determine next inspection date.
3. Prepare inspection schedule.
4. Notify the ammunition inspector and units to be inspected of projected inspection dates.

REFERENCES

TM 9-1300-206, SB 742-1 and SOP.

TASK 093-55X-4173

REVIEW BASIC LOAD INSPECTION REPORT

CONDITIONS

You are the chief ammunition inspector. This task will be done in the office. You will review a basic load inspection report submitted by an inspector in your section that was performed on a support unit.

TM 9-1300-206, SB 742-1, and suspension restriction and release file will be available and used.

EQUIPMENT

Pencil.

STANDARDS

Do PM's correctly IAW TM 9-1300-206 and SB 742-1.

PERFORMANCE MEASURES

1. Be sure report is complete.
2. Make sure all entries are valid.
3. Make sure all safety violations were reported and are corrected.
4. Note all discrepancies.
5. Inform the ammunition inspector who made the report of discrepancies found.
6. Have report typed and distributed.

REFERENCES

TM 9-1300-206 and SB 742-1.

TASK 093-55X-4174

REVIEW INSPECTION RESULTS OF HANDLING OPERATION

CONDITIONS

You are the chief ammunition inspector for a surveillance section. A subordinate ammunition inspector has inspected an ammunition handling operation and submitted a report to you for review. This task will be done in the office. TM 9-1300-206 and SOP will be available and used.

EQUIPMENT

Ballpoint pen and paper.

STANDARDS

Do PM's correctly IAW TM 9-1300-206 and SOP.

PERFORMANCE MEASURES

1. Review report for completeness and accuracy (TM 9-1300-206 and SOP).
2. Check that all discrepancies noted were corrected.
3. Check that all safety violations noted were corrected.
4. Determine if you must take any action.
5. Distribute inspection results (SOP).

REFERENCES

TM 9-1300-206 and SOP.

TASK 093-55X-4175
REVIEW DD FORM 626 (MOTOR VEHICLE INSPECTION)

CONDITIONS

You are the chief ammunition inspector and must periodically review DD Form 626 prepared by subordinate inspectors. This task will be done in the office. DD Form 626, AR 55-355 and TM 9-1300-206, and SOP will be available and used.

EQUIPMENT

Ballpoint pen and paper.

STANDARDS

Do PM's correctly IAW AR 55-355 and TM 9-1300-206.

PERFORMANCE MEASURES

1. Select DD Form 626 from file.
2. Review heading entries on DD Form 626 for completeness.
3. Review vehicular columns to be sure each specific inspection required was performed.
4. Note all errors.
5. Counsel ammunition inspectors who made reports on errors found.
6. Return DD Form 626 to file.

REFERENCES

AR 55-355; FM 9-38; TM 9-1300-206; and SB 742-1.

**TASK 093-55X-4176
REVIEW RAILROAD CAR INSPECTION REPORT**

CONDITIONS

You are the chief ammunition inspector of the surveillance section. You will review a railroad car inspection report prepared by an inspector in your section. The task will be done in the surveillance office. AR 55-355, TM 9-1300-206, and applicable SOP must be available and used.

EQUIPMENT

Pencil.

STANDARDS

Do PM's correctly IAW AR 55-355, TM 9-1300-206 and applicable SOP.

PERFORMANCE MEASURES

1. Review report.
2. Review violation of safety standards.
3. Note discrepancies.
4. Inform the ammunition inspector who made the report of discrepancies found.

REFERENCES

AR 55-355; Tariff 29 and TM 9-1300-206.

**TASK 093-55X-4177
REVIEW MILVAN INSPECTION REPORT**

CONDITIONS

You are the chief ammunition inspector of the surveillance section and you must review a MILVAN inspection report. This task will be done in the surveillance office, using the inspection report prepared by an inspector in your section. AR 55-355, FM 55-70, TM 9-1300-206, MILVAN Inspection Report and applicable SOP must be available.

EQUIPMENT

Ballpoint pen.

STANDARDS

Do PM's correctly IAW AR 55-355, FM 55-70, TM 9-1300-206 and SOP.

PERFORMANCE MEASURES

1. Check the report to be sure that interior of MILVAN was properly inspected.
2. Make sure the report indicates the bracing system was inspected.
3. Verify that doors were inspected.
4. Be sure maintenance log on MILVAN doors was inspected.
5. Make sure the report indicates the exterior of MILVAN was inspected.
6. Note discrepancies.
7. Counsel the ammunition inspector who made the report.

REFERENCES

AR 55-355; FM 55-70; TM 9-1300-206 and applicable SOP.

TASK 093-55X-4178

REVIEW RESULTS OF INSPECTIONS OF DESTRUCTION SITES

CONDITIONS

You are the chief ammunition inspector of the surveillance section and you must review the report of inspections of destruction sites. This task will be done in the office, using reports from your section. TM 9-1300-206 and command directives must be available and used.

EQUIPMENT

Clipboard and pencil.

STANDARDS

Do PM's correctly IAW TM 9-1300-206 and command directives.

PERFORMANCE MEASURES

1. Review the report (chap 9 and app E, TM 9-1300-206).
2. Review the report for violation of safety standards (TM 9-1300-206, chap 9, app E and command directives).
3. Make sure all safety violations have been corrected.
4. Inform the ammunition inspector who made the inspection of discrepancies noted.

REFERENCES

TM 9-1300-206 and command directives.

TASK 093-55X-4179

REVIEW AMMUNITION SURVEILLANCE INSPECTION REPORTS

CONDITIONS

You are the chief ammunition inspector of the surveillance section, and you must review ammunition surveillance inspection reports. This task will be done in the office. An ammunition surveillance inspection report, SB 742-1, and SOP will be available and used.

EQUIPMENT

Clipboard and pencil.

STANDARDS

Do PM's correctly IAW SB 742-1 and SOP.

PERFORMANCE MEASURES

1. Review report of ammunition inspection for completeness and accuracy (para 2-4, SB 742-1, SB's for the particular ammunition items inspected and SOP).
2. Make sure correct ammunition condition code has been assigned.
3. Be sure defects have been properly classified.
4. Note all errors found in the report.
5. Tell the ammunition inspector of any errors found.

REFERENCES

AR 725-50, AR 700-22; SB 742-1 and SOP.

TASK 093-55X-4180

REVIEW RESULTS OF INSPECTION OF MAINTENANCE FACILITIES

CONDITIONS

You are the chief ammunition inspector, and you must review the results of an inspection done by a subordinate inspector of a maintenance facility. This task will be done in the office using the inspection report. TM 9-1300-206, TM 9-1300-250 and SOP will be available.

EQUIPMENT

Ballpoint pen and paper.

STANDARDS

Do PM's correctly IAW TM 9-1300-206, TM 9-1300-250 and SOP.

PERFORMANCE MEASURES

1. Be sure the facility has been established and maintained for the type and level of maintenance authorized (TM 9-1300-250 and SOP approved for the facility).
2. Be sure all violations of safety standards have been noted and corrected (TM 9-1300-206).
3. Note all errors found in the report.
4. Counsel the ammunition inspector who made the report if errors were found.
5. File the report.

REFERENCES

FM 9-38; TM 9-1300-206 and TM 9-1300-250.

TASK 093-55X-4181
REVIEW CLASS V MAINTENANCE ACCEPTANCE REPORTS

CONDITIONS

You are the chief ammunition inspector, and you must review the acceptance reports made after completion of a Class V maintenance operation. This task will be done in the office. The following reports, documents and publications are provided:

REPORTS/DOCUMENTS

1. DA Form 3022-R [Army Depot Surveillance Record (DSR) Card].
2. DD Form 1650 (Ammunition Data Card).
3. Ammunition Condition Code (ACC) Status Change.
4. Ammunition Surveillance Inspection Report (Final Acceptance Report).
5. Daily acceptance report.
6. Daily sampling worksheets.

PUBLICATIONS

1. AR 725-50.
2. SB 742-1.
3. MIL-STD 105D.
4. MIL-STD 414.
5. MIL-STD 1168.
6. MIL-STD 1235.
7. Depot maintenance work requirements (DMWR).

EQUIPMENT

Pencil and paper.

STANDARDS

Do PM's correctly IAW AR 725-50, SB 742-1, MIL-STD 105D, MIL-STD 414, MIL-STD 1168 and MIL-STD 1235.

PERFORMANCE MEASURES

1. Determine what work was done on the lot number of munitions by reviewing the maintenance work order.
2. Determine the acceptance criteria for lot number (MIL-STD 105D, MIL-STD 414 or MIL-STD 1235 and appropriate DMWR).
3. Review daily acceptance reports and sampling worksheets to be sure the correct number of samples were inspected at each sampling point and that the acceptance criteria was met (MIL-STD 414).
4. Review final acceptance report and sampling worksheets to be sure the proper number of samples were inspected and the acceptance criteria was met (MIL-STD 105D or MIL-STD 1235).
5. Review DD Form 1650 to be sure the right information has been recorded (MIL-STD 1168).

TASK 093-55X-4181 (Cont)

6. Review DSR card to be sure that remarks have been recorded to include the ACC (SB 742-1 and AR 725-50).
7. Review ACC status change to be sure all information is correct.
8. Record any comments on a sheet of paper.
9. Tell the subordinate inspector responsible for the acceptance of the lot number of any errors noted during review.
10. Approve reports as required, and return to the clerk for distribution and filing.

REFERENCES

AR 725-50; TM 9-1300-250; SB 742-1; MIL-STD 105D, MIL-STD 414, MIL-STD 1168, MIL-STD 1235 and DMWR.

TASK 093-55X-4201

MONITOR INSPECTION OF MOTOR VEHICLES

CONDITIONS

You are the chief ammunition inspector of the surveillance section. You must monitor and evaluate inspections of motor vehicles conducted by personnel in the unit ammunition storage area. AR 55-355, TM 9-1300-206, SOP and DD Form 626 (Motor Vehicle Inspection) will be available and used.

EQUIPMENT

Clipboard and pencil.

STANDARDS

Do PM's correctly IAW AR 55-355, FM 9-38, TM 9-1300-206, SOP and DD Form 626. All safety rules will be followed.

PERFORMANCE MEASURES

1. Observe inspection of motor vehicles (fig 4-4, FM 9-38, and SOP).
2. Be sure safety precautions are being followed (TM 9-1300-206 and SOP).
3. Note any errors you see during inspection (TM 9-1300-206 and SOP).
4. Check DD Form 626 for completeness and accuracy (FM 9-38).
5. Tell the subordinate ammunition inspector of any errors.

REFERENCES

AR 55-355; FM 9-38; TM 9-1300-206 and SOP.

**TASK 093-55X-4202
MONITOR INSPECTIONS OF RAILROAD CARS**

CONDITIONS

You are the chief ammunition inspector of the surveillance section. You must monitor the procedures and evaluate the quality of inspections made of railroad cars. This task will be done at the railhead. TM 9-1300-206, Tariff 29, ammunition outloading drawings and the SOP will be used.

EQUIPMENT

Clipboard and pencil.

STANDARDS

Do PM's correctly IAW TM 9-1300-206, Tariff 29, ammunition outloading drawings and SOP. All safety rules must be followed.

PERFORMANCE MEASURES

1. Observe and evaluate performance of the inspection to be sure requirements of para 174.525, Tariff 29 are met.
2. Inspect blocking and bracing of railroad cars. Use ammunition outloading drawings.
3. Note any errors.
4. Advise the subordinate inspectors of any errors.

REFERENCES

TM 9-1300-206; Tariff 29 and ammunition outloading drawings.

TASK 093-55X-4203

MONITOR INSPECTION OF MILVAN CONTAINER

CONDITIONS

You are the chief ammunition inspector and must monitor and evaluate an ammunition inspector performing inspection of a MILVAN. This task will be done in the munitions storage area. AR 55-355, FM 55-70, TM 9-1300-206, TM 55-8115-200-24 and SOP for MILVAN inspection will be available.

EQUIPMENT

Clipboard and ballpoint pen.

STANDARDS

Do PM's correctly IAW AR 55-355, FM 55-70, TM 55-8115-200-24 and SOP for inspection of MILVAN. All safety rules must be followed.

PERFORMANCE MEASURES

1. Verify the inspection of the interior.
2. Verify inspection of bracing. It should be complete and serviceable.
3. Verify serviceability of doors.
4. Verify that maintenance has been performed on doors.
5. Verify that exterior of MILVAN was inspected for rust, holes and other defects that make the container unserviceable.
6. Verify that ammunition is properly blocked and/or braced.
7. Verify that doors are sealed and/or locked if required.
8. Verify compatibility of load.
9. Verify that explosive or chemical placards are posted.
10. Be sure inspection certificate (locally produced) is signed and left in MILVAN.

REFERENCES

AR 55-355; FM 55-70; TM 9-1300-206, TM 55-8115-200-24 and MILVAN Inspection SOP.

**TASK 093-55X-4204
MONITOR MUNITIONS PREPARED FOR AIR SHIPMENT**

CONDITIONS

You are the chief ammunition inspector of a surveillance section. You must monitor the preparation of munitions for air shipment. This task will be done in an ammunition storage area. TM 38-250 and TM 9-1300-206 will be used.

EQUIPMENT

Clipboard, paper and pencil.

STANDARDS

Do PM's correctly IAW TM 9-1300-206 and TM 38-250. Be sure all safety and security rules are followed.

PERFORMANCE MEASURES

CAUTION: If you see any defects or violation of procedures, you must notify the person in charge immediately. If you see any action that is unsafe or affects the reliability of the munitions, you will stop the operation and make sure it is corrected before continuing the task.

1. Monitor the proper use of all tools and equipment.
2. Monitor the inspection of munitions for proper packing (TM 38-250).
3. Be sure munitions have the right markings and labels (TM 38-250).
4. Be sure munitions being prepared are compatible for air shipment (chap 4, TM 38-250).
5. Make sure palletization of munitions is proper for air shipment (TM 9-1300-206, and SOP).
6. Advise the subordinate ammunition inspector of any errors.

REFERENCES

TM 9-1300-206, TM 38-250 and SOP.

**TASK 093-55X-4251
MONITOR MUNITION HANDLING OPERATION INSPECTION**

CONDITIONS

You are the chief ammunition inspector. You must monitor an inspection of a munition handling operation and evaluate the inspector. This task will be done in the munitions storage area. TM 9-1300-206, SOP and a local area operational inspection report will be available.

EQUIPMENT

Clipboard and ballpoint pen.

STANDARDS

Do PM's correctly IAW TM 9-1300-206 and SOP. All safety rules must be followed.

PERFORMANCE MEASURES

1. Make sure the operations being performed do not violate compatibility or quantity distance standards.
2. Be sure all personnel are using the right protective clothing and equipment.
3. Make sure dock plates are of proper design and are properly installed.
4. Be sure materials handling equipment (MHE) is refueled at a proper distance from operations.
5. Make sure MHE has been load tested within specified period.
6. Be sure work area is not crowded.
7. Make sure all MHE and other vehicles have fire extinguishers.
8. Be sure the wheels of all trucks when parked, are chocked and the hand brake is set.
9. Make sure all tools and equipment are being safely used.
10. Make on-the-spot corrections of all unsafe procedures.
11. Be sure the wheels are chocked, hand brake is set and blue flags or warning signs are posted at each end of a railroad car or cut of railroad cars.
12. Note errors and counsel ammunition inspectors on them.

REFERENCES

AR 385 series; FM 9-6, FM 9-13, FM 9-38, FM 9-47, FM 9-59; TM 9-1300-206, TM 743-200, TM 743-200-1 and AMCR 385-100.

**TASK 093-55X-4301
MONITOR STORAGE AREA AND LOCATION INSPECTIONS**

CONDITIONS

You are the chief ammunition inspector of the surveillance section. You must monitor the inspection of a storage area or location and evaluate the inspector. This task will be done in the ammunition storage area. TM 9-1300-206 and applicable SOP will be available.

EQUIPMENT

Clipboard, pencil and paper.

STANDARDS

Do PM's correctly IAW TM 9-1300-206 and applicable SOP. Be sure all safety rules are followed.

PERFORMANCE MEASURES

1. Observe and evaluate performance of inspector.
2. Record any discrepancy overlooked by the inspector.
3. Make on-the-spot correction of an inspector's error.
4. Note deficiencies.
5. Counsel the ammunition inspector.

REFERENCES

TM 9-1300-206.

TASK 093-55X-4302

MONITOR PERSONNEL SELECTING SAMPLES OF MUNITIONS FOR INSPECTION

CONDITIONS

You are the chief ammunition inspector. You must monitor the method and procedures used by personnel in the selection of samples of munitions for inspection and evaluate the inspector. This task will be done in the ammunition storage area. SB 742-1 and the directive for the inspection will be used.

EQUIPMENT

Clipboard and ballpoint pen.

STANDARDS

Do PM's correctly IAW SB 742-1 and the directives for the munitions requiring inspection. All safety rules must be followed.

PERFORMANCE MEASURES

1. Observe selection of samples.
2. Evaluate the ammunition inspector's performance in selecting samples.
3. Note deficiencies.
4. Counsel the ammunition inspector.

REFERENCES

SB 742-1.

**TASK 093-55X-4303
MONITOR MUNITION INSPECTIONS**

CONDITIONS

You are the chief ammunition inspector and must monitor and evaluate munition inspections. This task will be done in the surveillance workshop. TM 9-1300-206, SB 742-1, and SOP will be available and used.

EQUIPMENT

Clipboard, ballpoint pen and paper.

STANDARDS

Do PM's correctly IAW DOD Reg 5154.4S, SB 742-1 and SOP. All safety rules must be followed.

PERFORMANCE MEASURES

NOTE: If you see any operation that is unsafe or affects reliability of the munitions, stop the operation. Make sure the deficiency is corrected before allowing the operation to continue.

1. Evaluate samples of munitions being inspected.
2. Be sure fire symbols are posted.
3. Be sure all tools and equipment are used correctly.
4. Note deficiencies.
5. Counsel the ammunition inspector.

REFERENCES

DOD Reg 5154.4S; TM 9-1300-206 and SB 742-1.

TASK 093-55X-4304

MONITOR SHILLELAGH GM/CONTAINER INSPECTION

CONDITIONS

You are the chief ammunition inspector and must monitor and evaluate a subordinate's inspection of Shillelagh GM/containers. This task will be done in the surveillance workshop or munitions storage area. FM 9-38, TM 9-1410-465-35, TM 38-750, TM 743-200-1, SB 742-1, SB 742-1410-92-004 and SOP will be available.

EQUIPMENT

Clipboard and ballpoint pen.

STANDARDS

Do PM's correctly IAW DOD Reg 5154.4S, AR 725-50, FM 9-38, TM 9-1410-465-35, SB 742-1, SB 742-1410-92-004, MIL-STD-129F and SOP. All safety rules must be followed.

PERFORMANCE MEASURES

1. Verify type of inspection.
2. Make sure sample size is correct.
3. Be sure fire symbols are posted (DOD Reg 5154.4S).
4. Verify the inspection of GM/containers.
5. Verify that the GO/NO GO test was done right.
6. Make sure missile is repacked.
7. Be sure all surveillance records and reports filled out are complete and accurate.
8. Note discrepancies and counsel the ammunition inspector.

REFERENCES

DOD Reg 5154.4S; AR 710-9, AR 725-50, AR 735-15; FM 9-38; TM 9-1410-465-35, TM 38-750; SB 742-1, SB 742-1410-92-004; MIL-STD-129F; ammunition drawings and SOP.

**TASK 093-55X-4305
MONITOR OPERATIONAL CHECK OF SHILLELAGH GM TEST SET**

CONDITIONS

You are the chief ammunition inspector. You must monitor and evaluate the performance of an ammunition inspector performing an operational check of a Shillelagh GM test set. This task will be done in the surveillance workshop. TM 9-1300-206, TM 9-1410-435-35, SB 742-1, SB 742-1410-92-004 and SOP will be available.

EQUIPMENT

Clipboard, pencil and paper.

STANDARDS

Do PM's correctly IAW TM 9-1300-206, TM 9-1410-465-35, SB 742-1 and SB 742-1410-92-004. All safety rules will be followed.

PERFORMANCE MEASURES

NOTE: If you see any discrepancies while monitoring an inspector's operational check of Shillelagh GM test set, notify the person in charge immediately.

1. Make sure all tools and equipment are used correctly (TM 9-1300-206).
2. Monitor the operation (TM 9-1410-465-35, SB 742-1 and SB 742-1410-92-004).
3. Advise the inspector as discrepancies are observed.
4. Complete evaluation and inform the person in charge of any discrepancies noted.

REFERENCES

TM 9-1300-206, TM 9-1410-465-35; SB 742-1, SB 742-1410-92-004 and SOP.

**TASK 093-55X-4306
MONITOR GO/NO GO TESTING OF SHILLELAGH GM**

CONDITIONS

You are the chief ammunition inspector of a surveillance section. You must monitor and evaluate the performance of GO/NO GO testing on a Shillelagh GM by subordinate inspectors. This task will be done in the surveillance workshop. DOD Reg 5154.4S, TM 9-1410-465-35, SB 742-1, SB 742-1410-92-004 and SOP will be available.

EQUIPMENT

Clipboard, pencil and paper.

STANDARDS

Do PM's correctly IAW DOD Reg 5154.4S, TM 9-1410-465-35, SB 742-1, and SB 742-1410-92-004 and SOP. All safety rules must be followed.

PERFORMANCE MEASURES

1. Make sure fire symbols are posted (DOD Reg 5154.4S).
2. Be sure all tools and equipment are used correctly (SOP).
3. Notify the person in charge immediately if you observe defects that affect missile reliability.
4. Monitor the operation (TM 9-1410-465-35, SB 742-1, SB 742-1410-92-004 and SOP).
5. Correct all safety violations immediately.
6. Advise subordinate inspectors of any discrepancies.

REFERENCES

DOD Reg 5154.4S, TM 9-1410-465-35; SB 742-1, SB 742-1410-92-004 and SOP.

**TASK 093-55X-4307
MONITOR TOW GM/CONTAINER INSPECTION**

CONDITIONS

You are a chief ammunition inspector working in the surveillance section. You must monitor and evaluate an inspection of a lot number or group of TOW GM's and containers. This task will be done in the surveillance workshop or storage area in suitable weather. The following publications will be available:

1. FM 9-38.
2. TM 9-1410-470-24.
3. TM 9-1425-470-12.
4. TM 38-750.
5. TM 743-200-1.
6. SB 742-1.
7. SB 742-1410-92-005.
8. Ammunition drawings.
9. Applicable SOP.

EQUIPMENT

Clipboard and ballpoint pen.

STANDARDS

Do PM's correctly IAW DOD Reg 5154.4S, AR 725-50, FM 9-38, TM 9-1300-206, TM 9-1410-470-34, TM 38-750, TM 743-200-1, SB 742-1, SB 742-1410-92-005, MIL-STD 129F and SOP for inspection of TOW GM's and containers. All safety rules will be followed.

PERFORMANCE MEASURES

1. Verify type of inspection to be performed (sec VII, chap 2, SB 742-1, and para 6, SB 742-1410-92-005).
2. Be sure correct samples are selected from storage (para 2-20, SB 742-1 and table 2, SB 742-1410-92-005).
3. Verify descriptive data of samples to include lot number and the serial numbers on the ammunition surveillance inspection report (ASIR).
4. Take samples to surveillance workshop.
5. Be sure correct fire symbols are posted at inspection site (DOD Reg 5154.4S).
6. Be sure containers are inspected correctly.
7. Observe opening and removal of missile from container.
8. Verify inspection of missile (para 9, SB 742-1410-92-005).
9. Be sure defects are recorded and classified on the ASIR.
10. Verify repacking of missile.
11. Be sure the right ammunition condition code(s) is recommended.

TASK 093-55X-4307 (Cont)

12. Make sure the right documents and reports are prepared.

REFERENCES

DOD Reg 5154.4S; AR 710-9, AR 725-50; FM 9-38; TM 9-1300-206,
TM 9-1410-470-34, TM 9-1425-470-12, TM 38-750, TM 743-200-1; SB 742-1,
SB 742-1410-92-005; MIL-STD 129F, Ammunition drawings and SOP.

**TASK 093-55X-4308
MONITOR DRAGON GM/CONTAINER INSPECTION**

CONDITIONS

You are the chief ammunitions inspector and must monitor and evaluate an ammunition inspector performing an inspection of Dragon GM's/Containers. This task will be done in the surveillance workshop or munitions storage area in suitable weather. DOD Reg 5154.4S, TM 9-1410-480-34, SB 742-1, SB 742-1427-92-001, and SOP will be available and used.

EQUIPMENT

Clipboard and ballpoint pen.

STANDARDS

Do PM's correctly IAW DOD Reg 5154.4S, TM 9-1410-480-34, SB 742-1 and SB 742-1427-92-001. All safety rules must be followed.

PERFORMANCE MEASURES

1. Be sure fire symbols are posted (DOD Reg 5154.4S).
2. Verify classification of defects found on container by ammunition inspector.
3. Verify classification of defects found on missile by ammunition inspector.
4. Be sure missile has been repacked correctly.
5. Verify completeness and accuracy of all associated surveillance records and reports.
6. Note deficiencies.
7. Counsel the ammunition inspector.

REFERENCES

DOD Reg 5154.4S; AR 710-9, AR 725-250; FM 9-38; TM 9-1410-480-34, TM 38-750
TM 743-200-1; SB 742-1, SB 742-1427-92-001; MIL-STD-129F; Ammunition drawings and SOP.

**TASK 093-55X-4309
MONITOR LANCE GM/CLASS V COMPONENTS INSPECTION**

CONDITIONS

You are the chief ammunition inspector of the surveillance section. You must monitor and evaluate the performance of an ammunition inspector doing an inspection of the Lance GM/Class V components. This task will be done in the surveillance workshop and ammunition storage area. TM 9-1410-485-34, SB 742-1, SB 742-1410-92-006, and SOP will be available.

EQUIPMENT

Clipboard, pencil and paper.

STANDARDS

Do PM's correctly IAW DOD Reg 5154.4S, TM 9-1410-485-34, SB 742-1, and SB 742-1410-92-006. All safety rules must be followed.

PERFORMANCE MEASURES

NOTE: Defects observed during the evaluation of the Lance GM and Class V Components must be reported to the person in charge immediately. If you see an operation that is unsafe or affects reliability of the missile, stop the operation. Make sure it is corrected before continuing.

1. Be sure correct fire symbols are posted (DOD Reg 5154.4S).
2. Be sure all tools and equipment are used correctly (TM 9-1410-485-34).
3. Monitor the operation (TM 9-1410-485-34 and SB 742-1410-92-006).
4. Note discrepancies (SB 742-1410-92-006 and SOP).
5. Advise the subordinate ammunition inspector of discrepancies.

REFERENCES

DOD Reg 5154.4S; AR 710-9, AR 725-50; TM 9-1300-206, TM 9-1410-485-34; SB 742-1, SB 742-1410-92-006; MIL-STD-129F; ammunition drawings and SOP.

**TASK 093-55X-4310
MONITOR LANCE DETANKING OPERATIONS**

CONDITIONS

You are the ammunition inspector, and you must monitor and evaluate Lance detanking operations. This task will be done in the munitions storage area or wherever a leak occurs. TM 9-1410-285-34, TM 9-1450-488-10, TM 9-1450-488-24 and SOP will be available.

EQUIPMENT

Clipboard, ballpoint pen and paper.

STANDARDS

Do PM's right IAW TM 9-1450-488-10 and SOP. All safety rules will be followed.

PERFORMANCE MEASURES

1. Verify that the right protective clothing and equipment is selected and put on by all personnel involved, including yourself, during the operation.
2. Be sure the right propellant draining kit (PDK) is used.
3. Verify that Lance main missile assemblage (MMA) is in safe area.
4. Be sure that PDK is upwind and water has been sprayed on MMA and surrounding areas if there is any indication of propellant spillage or vapor leakage.
5. Be sure a leak band is attached if required.
6. Make sure the MMA is properly positioned on the maintenance fixture and grounded.
7. Be sure the neutralizing solution is prepared correctly.
8. Make sure the correct procedures for removing the MMA port plugs are followed. If it is determined that the damaged MMA cannot be placed on the maintenance fixture, and there is limited access to the fill and vent ports of the IRFNA tankage section, make sure the alternate drilling instructions are followed (chap 3, TM 1450-488-10).
9. Make sure the correct procedures are followed for pressure draining or pump draining of the MMA.
10. Be sure the correct procedures are followed during neutralizing operations.

NOTE: Protective clothing must be worn during decontamination.

11. Verify that correct procedures are followed during decontamination operations.

TASK 093-55X-4310 (Cont)

12. Make sure vehicle, tools, and equipment are decontaminated.
13. Be sure DA Label 63 is applied to waste tank containing IRFNA and DA Form 47 is applied to waste tank containing UDMH (para 2-38, TM 9-1450-488-10).
14. Be sure protective clothing, fire fighting equipment and breathing apparatus are provided for vehicle driver and assistant.

WARNING: IRFNA waste must be disposed of within 3 hours after completion of draining operation.

15. Make sure PDK is loaded on vehicle and transported to disposal area (para 2-38, TM 9-1450-488-10).

REFERENCES

TM 9-1300-206, TM 9-1410-485-34, TM 9-1450-488-10, TM 9-1450-488-24, TM 9-1425-485-10-2 and SOP.

TASK 093-55X-4311

MONITOR AIR TESTING OF PROPELLING CHARGE CONTAINERS

CONDITIONS

You are the chief ammunition inspector, and you must monitor and evaluate the performance of an ammunition inspector air testing propelling charge containers. This task will be done in the ammunition surveillance workshop or in the storage area, weather permitting. DOD Reg 5154.4S, SB 742-1, SB 742-1300-94-2 and SOP will be available and used.

EQUIPMENT

Clipboard, ballpoint pen, and paper.

STANDARDS

Do PM's correctly IAW DOD Reg 5154.4S, SB 742-1, SB 742-1300-94-2, and SOP. All safety rules must be followed.

PERFORMANCE MEASURES

1. Be sure correct fire symbols are posted (DOD Reg 5154.4S).
2. Be sure air compressor and air test kit are serviceable.
3. Make sure air test is performed correctly.
4. Be sure soft graphite grease is applied to threads of test hole and plug is replaced properly.
5. Make sure each lid and/or gasket is replaced as required or the proper materiel tag or label is prepared and put on each stack of the lot number.
6. Verify that the correct torque has been applied to the test plug.
7. Be sure a tag or label has been attached to each container inspected.
8. Be sure monitoring worksheet is complete before submitting to the administrative branch.

REFERENCES

DOD Reg 5154.4S; SB 742-1, SB 742-1300-94-2; ORD Drawing F-7548187; MIL-STD; APE manual and SOP.

TASK 093-55X-4312

MONITOR PERSHING GM/CLASS V COMPONENTS INSPECTION

CONDITIONS

You are the ammunition inspector, and you must monitor and evaluate the performance of an ammunition inspector inspecting Pershing GM's and Class V components. This task will be done in the surveillance workshop or other appropriate inspection and test area. The following publications will be available:

1. DOD Reg 5154.4S.
2. AR 725-50.
3. FM 9-38.
4. TM 9-1410-375-35.
5. TM 9-1410-380-12.
6. TM 9-1410-380-34-1.
7. TM 38-750.
8. TM 743-200-1.
9. SB 742-1.
10. SB 742-1337-92-009.
11. SB 742-1337-92-010.
12. SB 742-1420-92-003.
13. MIL-STD 129F.
14. Ammunition drawings.
15. SOP.

EQUIPMENT

Clipboard and ballpoint pen.

STANDARDS

Do PM's correctly IAW DOD Reg 5154.4S, AR 725-50, FM 9-38, TM 9-1410-38-12, TM 9-1410-375-35, TM 38-750, TM 743-200-1, SB 742-1, SB 742-1337-92-009, SB 742-1337-92-010, SB 742-1420-92-003, MIL-STD-129F, ammunition drawings and SOP. All safety rules must be observed.

PERFORMANCE MEASURES

1. Verify type of inspection to be performed (sec VII, chap 2, SB 742-1).
2. Be sure correct samples are selected from storage (para 2-39, SB 742-1).
3. Make sure correct data is entered on ammunition surveillance inspection report (ASIR).
4. Be sure correct fire symbols are posted at the inspection area (DOD Reg 5154.4S).

NOTE: PM's 5 thru 18 apply to 1st stage.

5. Be sure outside of containers is inspected.
6. Be sure first stage propulsion section is removed from container and placed in holding fixture or universal stand (sec IV, chap 3, TM 9-1410-380-12).

TASK 093-55X-4312 (Cont)

7. Inspect inside of container (table 6, SB 742-1337-92-010).
8. Make sure defects from container inspection are noted on ASIR (table 6, SB 742-1337-92-010).
9. Verify inspection of motor case surface (TM 9-1410-380-12).
10. Make sure propellant surface is inspected (para 3-8, TM 9-1410-375-35).
11. Verify sonic and ultrasonic test of propulsion section (para 3-9, TM 9-1410-375-35).
12. Verify inspection of rocket motor igniter (para 3-10, TM 9-1410-375-35).
13. Be sure rocket motor initiators are removed and inspected (para 3-11, TM 9-1410-375-35).
14. Verify test of rocket motor initiators.
15. Be sure explosive bolt cartridges are removed from receptacle in aft end of propulsion section container.
16. Verify inspection of explosive bolt cartridges (para 3-12, TM 9-1410-375-35).
17. Be sure test is done correctly on explosive bolt cartridges (para 2-10, TM 9-1410-375-35).
18. Be sure propulsion section and explosive bolt cartridges are replaced in container correctly.
19. Make sure PM's 1 thru 18 are repeated for the second stage.

NOTE: PM's 20 thru 23 apply to second stage only.

20. Be sure sector assemblies are removed, inspected and tested (para 2-10 and 4-10, TM 9-1410-375-35).
21. Verify that the detonators are removed, inspected and tested (para 2-10 and 4-11, TM 9-1410-375-35).
22. Make sure components are reassembled correctly to second stage propulsion section.
23. Be sure shaped charge retainer assemblies are removed, inspected and replaced (para 4-11, TM 9-1410-375-35).
24. Record inspection and test results on ASIR.
25. Verify evaluation of inspection and test results for acceptance or rejection (app A and B, AR 725-50).
26. Make sure ammunition condition code status change is prepared if required.
27. Be sure ammunition condition report is prepared if required.
28. Review all required reports for completeness and accuracy.
29. Verify return of samples to storage.

REFERENCES

DOD Reg 5154.4S; AR 710-9, AR 725-50; FM 9-38; TM 9-1410-375-35, TM 9-1410-380-12, TM 9-1410-380-34/1, TM 38-750, TM 743-200-1; SB 742-1, SB 742-1337-92-009, SB 742-1337-92-010, SB 1420-92-003; MIL-STD 129F; ammunition drawings and SOP.

TASK 093-55X-4314

MONITOR NIKE HERCULES GM/CLASS V COMPONENTS INSPECTION

CONDITIONS

You are the chief ammunition inspector, and you must monitor and evaluate the inspection of a Nike Hercules GM and Class V components. This task will be done in the surveillance workshop or munitions storage area in suitable weather. The following publications will be available:

- | | |
|------------------------|--------------------------|
| 1. FM 9-38. | 10. SB 742-1337-92-012. |
| 2. TM 9-1410-200-35. | 11. SB 742-1337-92-013. |
| 3. TM 9-1410-250-12/1. | 12. SB 742-8140-92-001. |
| 4. TM 743-200-1. | 13. Ammunition drawings. |
| 5. TM 38-750. | 14. SOP. |
| 6. SB 742-1. | |
| 7. SB 742-1336-92-007. | |
| 8. SB 742-1336-92-008. | |
| 9. SB 742-1336-92-011. | |

EQUIPMENT

Clipboard, ballpoint pen and paper.

STANDARDS

Do PM's correctly IAW DOD Reg 5154.4S, AR 725-50, TM 9-1410-206-35, TM 9-1410-250-12/1, TM 38-750, TM 743-200-1, SB 742-1, SB for item being inspected, MIL-STD-129F, ammunition drawings and SOP. Follow all safety rules.

PERFORMANCE MEASURES

1. Verify type of inspection to be performed (chap 2, sec VII, SB 742-1).
2. Be sure correct samples are selected from storage (para 2-2 and 2-30, SB 742-1).
3. Make sure fire symbols are posted correctly (DOD Reg 5154.4S).

NOTE: PM's 4 thru 9 apply to M30A2 rocket motor and container.

4. Be sure container is inspected correctly (table 3, SB 742-1337-92-012).
5. Make sure rocket motor is grounded after removal from container (para 57, TM 9-1410-206-35).
6. Be sure electric squibs are removed, inspected and tested (table 3, SB 742-1337-92-012).
7. Make sure rocket motor propellant grain is inspected.
8. Be sure M72 igniter is inspected.
9. Be sure M30A2 rocket and initiators are packed correctly.

TASK 093-55X-4314 (Cont)

NOTE: PM's 10 thru 16 apply to M42 series booster cluster.

10. Make sure container is inspected before opening.
11. Make sure M42 cluster is grounded.
12. Make sure outside of rocket motor cluster is inspected to include firings and thrust structure.
13. Make sure M42 cluster is disassembled and motors are placed one at a time on holding rack for propellant inspection as required (para 54, TM 9-1410-206-35).
14. Verify assembly of booster cluster (para 59, TM 9-1410-206-35).
15. Be sure igniters are inspected and tested.
16. Repack rocket motor cluster and igniters.

NOTE: PM's 17 thru 19 apply to HE warhead section and container.

17. Make sure M409 container is inspected correctly (para 24, TM 9-1410-206-35).
18. Unpack M135 warhead section (para 81, TM 9-1410-206-35).
19. Inspect and repack M35 warhead section (para 24 and 38, TM 9-1410-206-35).

NOTE: PM's 20 thru 22 apply to M30A1 Safety and Aiming devices.

20. Make sure container is inspected before opening (table 3, SB 742-1336-92-007).
21. Be sure M30A1 S&A devices are removed, inspected and tested (table 3, SB 742-1336-92-007).
22. Be sure M30A1 Safety and Aiming devices are repacked.

NOTE: PM's 23 thru 24 apply to M28 and M84 explosive harness assemblies.

23. Verify inspection of outside and inside of explosive harness container (para 24, TM 9-1410-206-35).
24. Verify inspection of explosive harness assemblies (para 24 and table 4 TM 9-1410-206-35).

NOTE: PM's 25 thru 27 apply to thermal batteries BA-617U, wet primary battery BA-472/U and batteries BA-485/U and BA 485A/U.

25. Verify inspection of inner and outer pack of batteries (para 24, TM 9-1410-206-35).
26. Make sure batteries are inspected and tested (TM 9-1410-250-12/1).
27. Repack batteries.
28. Verify shelf life on all ammunition components.
29. Be sure results are recorded on ammunition surveillance inspection report.

TASK 093-55X-4314 (Cont)

30. Be sure all reports and documents are prepared correctly.
31. Make sure items are returned to storage.

REFERENCES.

DOD Reg 5154.4S; AR 710-9, AR 725-50; FM 9-38; TM 9-1410-206-35,
TM 9-1410-250-12/1, TM 743-200-1, TM 38-750; SB 742-1, SB 742-1336-92-007,
SB 742-1336-92-008, SB 742-1337-92-011, SB 742-1337-92-012, SB 742-1337-013,
SB 742-8140-92-001; MIL-STD-129F; ammunition drawings and SOP.

**TASK 093-55X-4316
MONITOR HAWK GM/CLASS V COMPONENTS INSPECTION**

CONDITIONS

You are the chief ammunition inspector, and you must monitor and evaluate an ammunition inspector performing an inspection of HAWK GM and Class V components. This task will be done in the surveillance workshop or other inspection area. The following publications will be available:

- | | |
|----------------------|-------------------------|
| 1. FM 9-38. | 5. Other applicable SB. |
| 2. TM 9-1410-530-14. | 6. MIL-STD 129F. |
| 3. TM 9-1425-525-34. | 7. Ammunition drawings. |
| 4. SB 742-1. | 8. SOP. |

EQUIPMENT

Clipboard, ballpoint pen and paper.

STANDARDS

Do PM's correctly IAW DOD Reg 5154.4S, TM 9-1410-530-14, TM 740-525, SB 742-1, appropriate SB for items being inspected and MIL-STD 129F. All safety rules must be followed.

PERFORMANCE MEASURES

1. Verify the type of inspection being performed (para 2-2a, SB 742-1).
2. Be sure correct samples are selected from storage (para 2-2a, SB 742-1).
3. Verify posting of correct fire symbols (DOD Reg 5154.4S).
4. Verify shelf life of ammunition item (table 2-10, TM 9-1410-530-14).
5. Make sure HAWK warhead is inspected properly (table 2, SB 742-1336-92-013).
6. Make sure HAWK accumulator is inspected.
7. Be sure actuator explosive linear is inspected properly.
8. Verify test of actuator explosive linear.
9. Be sure Safety and Aiming device and container are inspected properly.
10. Verify Safety and Aiming device test if required.
11. Make sure rocket motor igniter is inspected and tested.
12. Be sure rocket motor and container are inspected.
13. Be sure propellant grain is inspected for cracks.
14. Verify ultrasonic test of propellant bonding in rocket motor case if required.
15. Make sure battery is inspected and tested as required.
16. Be sure all surveillance records and reports are complete and accurate.

TASK 093-55X-4316 (Cont)

17. Note discrepancies and counsel the ammunition inspector.

REFERENCES

DOD Reg 5154.4S; AR 710-9, AR 725-50; FM 9-38; TM 9-1410-530-14,
TM 9-1425-525-34; SB 742-1, applicable SB; MIL-STD 129F; ammunition drawings
and SOP.

**TASK 093-55X-4318
MONITOR REDEYE GM/CONTAINER INSPECTION**

CONDITIONS

You are the chief ammunition inspector and must monitor and evaluate a subordinate's inspection of Redeye GM/containers. This task will be done in the surveillance workshop or munitions storage area. The following publications will be available:

- | | |
|----------------------|-------------------------|
| 1. FM 9-38. | 7. SB 742-1425-92-001. |
| 2. TM 9-1400-425-12. | 8. MIL-STD-129F. |
| 3. TM 9-1400-425-35. | 9. Ammunition drawings. |
| 4. TM 38-750. | 10. SOP. |
| 5. TM 743-200-1. | |
| 6. SB 742-1. | |

EQUIPMENT

Clipboard and ballpoint pen.

STANDARDS

Do PM's correctly IAW DOD Reg 5154.4S, AR 725-50, FM 9-38, TM 9-1400-425-12, TM 9-1400-425-35, TM 38-750, TM 743-200-1, SB 742-1, SB 742-1425-90-001, and MIL-STD-129F. All safety rules must be followed.

PERFORMANCE MEASURES

1. Verify type of inspection to be made.
2. Be sure correct samples are selected from storage.
3. Make sure correct fire symbols are posted.
4. Make sure complete inspection of container is made.
5. Be sure complete inspection is made on missile.
6. Verify repackaging of missile in container.
7. Be sure all surveillance records and reports are complete and accurate.
8. Note discrepancies and counsel the ammunition inspector.

REFERENCES

DOD Reg 5154.4S; AR 710-9, AR 725-50; FM 9-38; TM 9-1400-425-12, TM 9-1400-425-35, TM 38-750, TM 743-200-1; SB 742-1, SB 742-1425-92-001, MIL-STD-129F; ammunition drawings and SOP.

TASK 093-55X-4319
MONITOR CHAPARRAL GM/CONTAINER INSPECTION

CONDITIONS

You are the chief ammunition inspector and must monitor and evaluate a subordinate's inspection of Chaparral GM/containers. This task will be done in the surveillance workshop or munitions storage area. The following publications will be available:

1. FM 9-38.
2. TM 9-1410-585-24.
3. TM 9-4935-587-12.
4. TM 38-750.
5. TM 743-200-1.
6. SB 742-1.
7. SB 742-1410-92-001.
8. MIL-STD-129F.
9. Ammunition drawings.
10. SOP.

EQUIPMENT

Clipboard and ballpoint pen.

STANDARDS

Do PM's right IAW DOD Reg 5154.4S, AR 710-9, AR 725-50, FM 9-38, TM 9-1410-585-24, TM 9-4935-587-12, TM 38-750, TM 743-200-1, SB 742-1, SB 742-1410-92-001, MIL-STD-129F, ammunition drawings and SOP. Follow all safety rules.

PERFORMANCE MEASURES

1. Verify type of inspection to be made.
2. Be sure correct samples are selected from storage.
3. Make sure correct fire symbol is posted.
4. Make sure complete inspection is made on container.
5. Make sure complete inspection of missile is made.
6. Make sure all Class V components are inspected.
7. Be sure all required tests are made correctly.
8. Make sure missile is repacked correctly.
9. Be sure all surveillance records and reports are complete and accurate.
10. Note discrepancies and counsel the ammunition inspector.

REFERENCES

DOD Reg 5154.4S; AR 710-9, AR 725-50; FM 9-38; TM 9-1410-585-24, TM 9-1440-585-12, TM 9-4935-587-12, TM 38-750, TM 743-200-1; SB 742-1, SB 742-1410-92-001, MIL-STD-129F; ammunition drawings and SOP.

**TASK 093-55X-4320
MONITOR BASIC LOAD INSPECTIONS**

CONDITIONS

You are the chief ammunition inspector of a surveillance section. You must monitor and evaluate subordinate inspectors making an inspection of basic loads or special ammunition loads (SAL) at a supported unit. FM 9-38, FM 9-47, TM 9-1300-206 and local directives will be available and used.

EQUIPMENT

Clipboard, pencil and paper.

STANDARDS

Do PM's correctly IAW TM 9-1300-206, FM 9-38, FM 9-47, and local directives. All safety rules must be followed.

PERFORMANCE MEASURES

NOTE: If you see an operation that is unsafe or affects reliability of the munitions, you will stop the operation and make sure it is corrected before continuing.

1. Make sure all tools and equipment are used correctly (TM 9-1300-206).
2. Monitor the operation to be sure TM 9-1300-206, FM 9-38, FM 9-47, and local directives are complied with.
3. Make on-the-spot corrections of all safety violations.
4. Complete your evaluation.
5. Counsel subordinate inspectors.

REFERENCES

FM 9-6, FM 9-38, FM 9-47, FM 9-59, TM 9-1300-206, and local directives.

TASK 093-55X-4321

MONITOR PREPARATION OF AMMUNITION TEST SAMPLES FOR SHIPMENT

CONDITIONS

You are the chief ammunition inspector, and you must monitor and evaluate the performance of an ammunition inspector preparing ammunition test samples for shipment. This task will be done in the ammunition storage area. TM 9-1300-206, SB 742-1, and SOP will be available and used.

EQUIPMENT

Clipboard, ballpoint pen, and paper.

STANDARDS

Do PM's correctly IAW TM 9-1300-206, SB 742-1 and SOP. All safety rules must be followed.

PERFORMANCE MEASURES

1. Make sure samples selected correspond with shipping documents.
2. Make sure items to be shipped are inspected before being put on pallets.
3. Be sure containers are painted and marked for shipment.
4. Be sure the containers for shipment are put on pallets correctly.
5. Make sure part I of DA Form 984 is completed accurately.
6. Make sure items are stored properly while awaiting shipment.
7. Counsel subordinate inspectors about any errors noted.

REFERENCES

TM 9-1300-206; SB 3 series and SB 742 series.

**TASK 093-55X-4322
CONDUCT MALFUNCTION INVESTIGATION**

CONDITIONS

You are the chief ammunition inspector of the surveillance section. You must investigate and report on a malfunction. This task will be done at the site of the malfunction. The following publications will be available:

1. AR 75-1.
2. AR 385-62.
3. AR 385-63.
4. TM 38-750.
5. TM 9-1300-206.
6. Ammunition drawings.
7. TM (for item that has malfunctioned).
8. SOP.

EQUIPMENT

Clipboard and ballpoint pen.

STANDARDS

Do PM's correctly IAW AR 75-1. All safety rules must be followed.

PERFORMANCE MEASURES

1. Prepare and forward preliminary report if required.
2. Locally suspend ammunition involved.
3. Conduct malfunction investigation.
4. Prepare and forward detailed report.
5. Implement disposition instructions for suspended ammunition, fragments and/or residue resulting from malfunction.

REFERENCES

AR 75-1, AR 385-62, AR 385-63; TM 38-750, TM 9-1300-206; applicable ammunition drawings, other related TM's and SB's.

TASK 093-55X-4323
PUT ON PROTECTIVE CLOTHING/EQUIPMENT

CONDITIONS

You are an ammunition inspector assigned to a chemical depot. You have to enter the chemical storage area. You must put on the right protective clothing and equipment for the particular chemical storage area you are to enter. This task will be done in a designated area before entering the chemical storage area. TM 10-277, TM 10-279, and SOP will be available and used.

EQUIPMENT

M17A1 mask, M-9 mask, self-contained breathing apparatus, limited and full protective clothing as listed in TM 10-277 and TM 10-279.

STANDARDS

Do PM's correctly IAW TM 10-277, TM 10-279 and SOP. All safety rules must be followed.

PERFORMANCE MEASURES

1. Select protective clothing (SOP).
2. Observe safety rules (Front Cover TM 10-277 and para 4, TM 10-279).
3. Put on limited toxicological agent protective (TAP) clothing (app B, TM 10-277).
4. Put on full TAP protective clothing (chap 3, TM 10-277).
5. Put on limited protective clothing for rocket fuel handlers (RFH) (para 6, TM 10-279).
6. Put on full RFH protective clothing (TM 10-279).

REFERENCES

TM 10-277 and TM 10-279.

**TASK 093-55X-4324
MONITOR TOXIC CHEMICAL MUNITION INSPECTIONS**

CONDITIONS

You are the chief ammunition inspector, and you must monitor and evaluate an ammunition inspector making an inspection of toxic chemical munitions. This task will be done in the surveillance workshop or munitions storage area. FM 9-38, TM 3-250, SB 742-1, SB or SSI for item, ammunition drawings, SOP and other related technical publication for item being inspected will be available.

EQUIPMENT

Clipboard, ballpoint pen, protective clothing and equipment.

STANDARDS

Do PM's correctly IAW FM 9-38, TM 3-250, SB 742-1, SB or SSI for item, ammunition drawings, SOP and other related technical publications. All safety rules will be followed.

PERFORMANCE MEASURES

1. Make sure selected samples are correct (para 2-2, SB 742-1).
2. Verify posting of fire symbols and chemical hazard markers (DOD Reg 5154.4S).
3. Be sure inspection of outer packs is done.
4. Be sure inner pack inspection is done.
5. Verify inspection of item.
6. Check leak sealing procedures if required.
7. Make sure item is repacked properly.
8. Be sure containers are marked as surveillance samples.
9. Verify information entered on records and reports.
10. Complete evaluation and tell the ammunition inspector of any discrepancies noted.

REFERENCES

DOD Reg 5154.4S; FM 9-38; TM 3-250, TM 743-200-1; SB 742-1, other related SB's or SSI's and technical publications.

TASK 093-55X-4325

MONITOR DETECTION PROCEDURES USED TO DETECT LEAKING TOXIC CHEMICAL AGENTS

CONDITIONS

You are the chief ammunition inspector, and you must monitor and evaluate an ammunition inspector performing leak detection procedures on toxic chemical agents. This task will be done in the surveillance workshop or munitions storage area. FM 21-40, TM 3-220, TM 3-250, and SOP, must be available and used.

EQUIPMENT

Protective clothing, protective mask, clipboard, and ballpoint pen.

STANDARDS

Do PM's correctly IAW DOD Reg 5154.4S, FM 21-40, TM 3-220, TM 3-250, and SOP. All safety rules must be followed.

PERFORMANCE MEASURES

1. Be sure chemical hazard marker is displayed.
2. Be sure detector solutions have been properly prepared.
3. Make sure necessary protective clothing is being worn.
4. Verify test results for various type chemical agents.
5. Inform the operations section of test results.
6. Counsel the subordinate inspector about any discrepancies noted.

REFERENCES

DOD Reg 5154.4S; FM 21-40, TM 3-220, TM 3-250, TM 3-6665-254-12 and SOP.

**TASK 093-55X-4326
MONITOR PREPARATION OF CHEMICAL DECONTAMINANTS**

CONDITIONS

You are the chief ammunition inspector and you must monitor and evaluate an ammunition inspector preparing chemical decontaminants. This task will be done in the surveillance workshop or munitions storage area. FM 9-38, FM 21-41, TM 3-220 and SOP will be available and used.

EQUIPMENT

Protective mask, protective clothing, clipboard and ballpoint pen.

STANDARDS

Do PM's correctly IAW FM 9-38, FM 21-41, TM 3-220, related SB, TB and SOP for decontaminant being prepared. All safety rules must be followed.

PERFORMANCE MEASURES

1. Verify identification of chemical agent to be decontaminated.
2. Be sure correct decontaminant is selected.
3. Make sure correct protective clothing is used.
4. Make sure decontaminant is prepared properly.
5. Make sure decontaminant is moved to contaminated area for use.

REFERENCES

DOD Reg 5154.4S; FM 9-38, FM 21-41; TM 3-220, TM 3-250; SOP and related SB's and TM's.

TASK 093-55X-4327

MONITOR LEAK SEALING PROCEDURES FOR LEAKING TOXIC CHEMICAL MUNITIONS

CONDITIONS

You are the chief ammunition inspector, and you must monitor and evaluate an ammunition inspector performing leak sealing procedures of chemical munitions. This task will be done in the surveillance workshop or munitions storage area. FM 3-20, FM 3-21, TM 3-220, TM 3-250, TM 3-6665-254-12, and SOP will be available.

EQUIPMENT

Clipboard and ballpoint pen.

STANDARDS

Do PM's correctly IAW DOD Reg 5154.4S, FM 3-20, FM 3-21, FM 9-15, TM 3-220, TM 3-6665-254-12 and SOP. All safety rules must be followed.

PERFORMANCE MEASURES

1. Be sure chemical hazard markers are displayed (DOD Reg 5154.4S).
2. Make sure leaks are inspected to determine sealant required.
3. Turn the munitions till the leak is up.
4. Make sure leakers is sealed.
5. Be sure sealed munitions are decontaminated.
6. Make sure sealed munitions have been placed in plastic bags and the bags are sealed with tape.
7. Make sure bags have been checked for contamination with M18A2 chemical detector kit.
8. Be sure all surveillance records and reports are complete and accurate.
9. Note discrepancies and counsel the ammunition inspector.

REFERENCES

DOD Reg 5154.4S; FM 3-20, FM 3-21, FM 9-15; TM 3-220, TM 3-6665-254-12 and AMCR 385-100.

TASK 093-55X-4329

MONITOR PERSONNEL PERFORMING FUNCTION TEST OF SELECTED MUNITIONS

CONDITIONS

You are the chief ammunition inspector, and you must monitor and evaluate the procedures for function tests of munitions as they are being done by a crew. This task will be done at the surveillance function test range. TM 9-1300-206, SB 742-1, SB pertaining to items being tested and SOP will be available.

EQUIPMENT

Clipboard, ballpoint pen and paper.

STANDARDS

Do PM's correctly IAW TM 9-1300-206, SB 742-1, SB for item and SOP. All safety rules must be followed.

PERFORMANCE MEASURES

1. Make sure correct samples are selected from storage.
2. Make sure visual inspection of inner and outer packs, and items are performed.
3. Make sure samples are identified as to the box from which they are taken.
4. Make sure all nonstandard conditions found during visual inspection are entered on DA Form 984.
5. Make sure all safety precautions are followed.
6. Observe the performance of the ammunition inspector and crew while they perform the function test.
7. Be sure all times are recorded accurately and in the right columns of DA Form 984.
8. Make sure all function test results including defects are correctly entered on DA Form 984.
9. Make sure all surveillance records and reports are completed accurately.

REFERENCES

AR 385 series; TM 9-1300-206; SB 742-1, other appropriate SB, TM, APE manuals and other technical publications.

TASK 093-55X-4330
CONDUCT SMALL ARMS TRACE TEST

CONDITIONS

You are the chief ammunition inspector, and you must conduct a trace test of a lot number of small arms ammunition. This task will be done at the small arm range or surveillance function test range in suitable weather. The following forms and publications will be available:

FORMS

1. DA Form 2415 (Ammunition Condition Report).
2. DA Form 3022-R [Army Depot Surveillance Record (DSR)] Card.
3. DA Form 3023 (Gage Record) Card.
4. DA Form 3151-R (Ammunition Stores Slip) or DA Form 4508 (Ammunition Transfer Record).
5. DA Form 3524-R (Trace Function Test Report).
6. DA Form 3782 (Suspended Notice).
7. Locally devised worksheets.
8. Weapon barrel record cards.

PUBLICATIONS

1. AR 385-63.
2. FM 9-38.
3. TM 9-1305-200.
4. TM 743-200-1.
5. SB 700-1300-1.
6. SB 742-1.
7. SB 742-1305-1.
8. Military specifications.
9. Military standards.
10. Ammunition drawings.
11. Technical publications for assembly, function, stop-page, care and cleaning of test weapon.
12. SOP, Function testing small arms tracer ammunition.

EQUIPMENT

1. APE 1914.
2. APE 1923.
3. APE 1923E001.
4. APE 1923E003.
5. APE 1923E004.
6. APE 1923E005.
7. APE 1923E006.
8. APE 1923E007.
9. APE 1923E008.
10. APE 1923E009.
11. Thermometer.
12. Wind sock.
13. Rifles.
14. Machine guns.
15. Extra weapon barrels.
16. Cleaning equipment.
17. Ammunition.
18. Breech base gages.
19. Warning signs.
20. Red flag.
21. Telephone or two-way radio.
22. Fire fighting equipment.
23. Ear plugs.
24. Clipboards.
25. Ballpoint pens or pencils.

TASK 093-55X-4330 (Cont)

STANDARDS

Do PM's correctly IAW procedures AR 385 series, TM 9-1300-206, TM 9-1305-200, TM 38-750, TM 743-200-1, SB 700-1300-1, SB 742-1, SB 742-1305-1, and SOP. All safety rules must be followed.

PERFORMANCE MEASURES

1. Make sure samples from storage are selected IAW instructions in para 2-2, SB 742-1, and para 6, app B and SB 742-1305-1.
2. Make sure the following information is entered in right blocks of locally devised worksheet:
 - a. NSN/DODIC.
 - b. Nomenclature.
 - c. Functional lot number.
 - d. Sample size.
 - e. Weather data.
 - f. Total quantity in lot number.
 - g. Component model number and lot number for each type of small arms ammunition comprising functional lot number.
3. Make sure samples selected for test are inspected IAW instructions for a periodic inspection.
4. Make sure warning signs are posted, red flag is raised, and all access roads leading to the test range are blocked. Small arms test ranges will comply with section II, AR 385-63.
5. Make sure a communications check is made with the surveillance office to be sure telephone and/or two-way radio is operating (para 3, SB 742-1305-1).
6. Make sure fire fighting equipment is present at test range and readily available to extinguish brush or grass fires started by tracer bullets (para 3, SB 742-1305-1).
7. Be sure APE necessary for test is setup right.
8. Make sure weapons are assembled as required. Barrels used in trace test weapons will be disqualified from service when they have been fired the number of times indicated (para 7b, SB 742-1305-1). (The weapon barrel record card will state the number of rounds previously fired in that barrel).
9. Check weapon to be sure it is in satisfactory condition; that is, check of head space and check of barrel with breech bore gage (para 9, SB 742-1305-1).

TASK 093-55X-4330 (Cont)

10. Make sure DA Form 3023 is posted for the number of passes made with the breech bore gage (para 4-20, SB 742-1).
11. Be sure ammunition is put into clips, magazines, or belts (para 8a (1), SB 742-1305-1).
12. Check weapon alignment and final adjustments of elevation and windage (para 8a (2), SB 742-1305-1).
13. Monitor the test of ammunition (para 8a, SB 742-1305-1).
14. Record trace characteristics of each sample on the worksheet as round is fired (para 8a (5), SB 742-1305-1).

NOTE: During firing for observation, familiarization or for confirmation of special or questionable tests, two or more observers at the same or different observation points may be required.

15. Make sure the number of rounds fired is posted to the barrel record card.
16. Collect fired cartridge cases and examine them (para 9c, SB 742-1305-1).
17. Evaluate test results for lot number (para 9 and 10, and app A and C, SB 742-1305-1).

NOTE: A retest is required when a lot number of tracer ammunition shows 20 percentage points or more deviation from previous test results. The minimum size lot to be considered for retest is 10,000 rounds of individual tracer lot or a functional lot containing 10,000 rounds of component tracer lot. The original test results will be considered final for lots containing less than the minimum quantity of tracer ammunition. This limitation does not apply to cartridge, Caliber .50 spotter-tracer M48 series.

NOTE: PM's 18 thru 21 will be done only for lots requiring retest.

18. Investigate to determine if deviation (20 percentage points or more from previous test) is the cause of weapon, possible observer error, background light condition, or other things.

NOTE: A new barrel (1,000 rounds or less) will be used for all retests. In no case will the retest sample be fired in the same barrel as the initial test sample.

19. Make sure deficiency is corrected and select an additional 50 round sample for test if it is determined that deviation is not due to the ammunition. The previous test results should be disregarded.
20. Select a 100 round sample and retest if the 20 percent deviation is due to the ammunition.

TASK 093-55X-4330 (Cont)

21. Check recording of retest results for each sample round fired.
22. Make sure the right ammunition condition code (ACC) is recommended for the lot number based on evaluation of test (SB 700-1300-1).
23. Check preparation of DA Form 3524-R (para 11, SB 742-1305-1).
24. Check preparation an an ACC status change using DA Form 3151-R (para 3-16, FM 9-38) or DA Form 4508 (para 5.2.4.5.4, TM 743-200-1). An ACC status change is required when the ACC after test is other than that prior to test.
25. Check preparation of DA Form 3782 when lot number is recommended for ACC-J (para 4-2b, SB 742-1). Make sure enough copies of the suspended notice are prepared to place on each stack of ammunition suspended.
26. Check preparation of DA Form 2415 for Caliber .30 and .50 functional lots of AP and tracer in which the component tracer lot shows less than 50 percent total trace. Lot number will be retained in a nonissuable status. DA Form 2415 will be prepared. IAW paragraph 5-8, TM 38-750.
27. Get document numbers for ACC status change, suspended notice, and DA Form 2415. These document numbers are located in each document's respective document register.
28. Make sure a summary is prepared of all prior trace test results or a copy of DSR card for lot if retested will be forwarded for further evaluation.
29. Review all reports for correctness.
30. Approve reports and send to the surveillance office.

REFERENCES

AR 385-63, AR 725-50; FM 9-38; TM 9-1300-206, TM 9-1305-200, TM 38-750, TM 743-200-1; SB 700-1300-1, SB 742-1, SB 742-1305-1; applicable MIL-SPEC, MIL-STD; ammunition drawings; APE manuals, and SOP.

TASK 093-55X-4331

CONDUCT FUNCTION TEST OF CARTRIDGE 40MM

CONDITIONS

You are the chief ammunition inspector, and you must conduct a function test of a lot number of 40mm cartridges. This task will be done at the surveillance function test range. All ammunition surveillance records and reports will be available and used.

EQUIPMENT

1. APE 1902 (function test holding device).
2. APE 1902-E004 (mount M79 grenade launcher kit).
3. APE 1951 (test equipment launcher for grenade M176 and M226).
4. APE 1937 (personnel protective shelter).
5. M79 grenade launcher.
6. Stopwatches.
7. Fire fighting equipment.
8. Telephone or two-way radio.
9. Warning signs.
10. Red flag.
11. Cargo vehicle.
12. Samples of lot number of cartridge 40mm.
13. Clipboards.
14. Ballpoint pens.

STANDARDS

Do PM's correctly IAW SB 742-1, SOP, and SB for item being tested. All safety rules must be followed.

PERFORMANCE MEASURES

1. Verify sample selection form storage (para 2-2, SB 742-1).
2. Be sure items 1 thru 19 on DA Form 984 are completed accurately.
3. Be sure a visual inspection is done on the inner and outer packs and on the items.
4. Make sure red flag and warning signs are displayed and all access roads leading to test area are blocked.
5. Be sure test equipment is correctly setup and operates.
6. Make sure samples are identified as to the box from which they were taken.
7. Direct test procedures and be sure they are done IAW SB for items being tested.
8. Verify that inspection and test results on DA Form 984 are correct.
9. Be sure DA Form 984 and all other reports are complete and correct.
10. Sign DA Form 984 and send to the administrative clerk for appropriate action.

TASK 093-55X-4331 (Cont)

REFERENCES

**AR 385 series; FM 9-38; TM 9-1300-206, TM 743-200-1; SB 3-1310-3,
SB 700-1300-1, SB 742-1; APE manuals and SOP.**

**TASK 093-55X-4332
CONDUCT FUNCTION TEST OF HAND GRENADE FUZES**

CONDITIONS

You are the chief ammunition inspector, and you must conduct a function test of a lot number of hand grenade fuzes. This task will be done at the surveillance function test range. All ammunition surveillance records and reports will be available and used.

EQUIPMENT

1. APE 1901 (immersion tank).
2. APE 1903 (testing table).
3. APE 1903-E002 (holding fixture).
4. APE 1906 (ignition tester).
5. APE 1905 or 1937 (personnel protective shelter).
6. APE 1912 (cup-cased thermometer).
7. APE 1917 (ammunition testing pressure gage).
8. Lanyards.
9. One tenth division stopwatches.
10. Warning signs.
11. Red flag.
12. Fire fighting equipment.
13. Telephone or two-way radio.
14. Clipboard.
15. Ballpoint pen.
16. Cargo vehicle.
17. Samples of lot number of grenade fuzes.

STANDARDS

Do PM's correctly IAW SB 742-1, SOP, and SB for item being tested. All safety rules must be followed.

PERFORMANCE MEASURES

1. Verify sample selection from storage (para 2-2, SB 742-1).
2. Be sure items 1 thru 19 on DA Form 984 are completed accurately.
3. Verify visual inspection of item and inner and outer packs.
4. Make sure red flag and warning signs are displayed and all access roads leading to test area are blocked.
5. Be sure test equipment is setup correctly and operates.
6. Make sure samples are identified as to the box from which they were taken.
7. Direct procedures and make sure they are done IAW SB for item being tested.
8. Verify that inspection and test results on DA Form 984 are correct.
9. Be sure DA Form 984 and all other reports are complete and correct.
10. Sign DA Form 984 and send to the administrative clerk for appropriate action.

TASK 093-55X-4332 (Cont)

REFERENCES

**AR 385 series; FM 9-38; TM 9-1300-206, TM 743-200-1; SB 700-1300-1,
SB 742-1, SB 742-1330-51; APE manuals and SOP.**

TASK 093-55X-4333

CONDUCT FUNCTION TEST OF ILLUMINATING HAND GRENADES

CONDITIONS

You are the chief ammunition inspector, and you must conduct a function test of a lot number of illuminating grenades. This task will be done at the surveillance function test range. All ammunition surveillance records and reports will be available and used.

EQUIPMENT

1. APE 1901 (immersion tank).
2. APE 1938 (low temperature chamber).
3. APE 1908 (altitude and drift measuring device).
4. APE 1912 (cup-cased thermometer).
5. APE 1914 (anemometer).
6. APE 1915 (wind speed indicator).
7. APE 1918 (holding device for ground signal).
8. APE 1918-E001 (test kit for M125, M126, and M127 signals).
9. APE 1937 (personnel protective shelter).
10. APE 1916 (preconditioning oven).
11. Stopwatches.
12. Samples of a lot number of signals.
13. Cargo vehicle.
14. Telephone or two-way radio.
15. Warning signs.
16. Red flag.
17. Fire fighting equipment.
18. Leather or leather-palm gloves.
19. Explosive handler's coveralls.
20. Hard hats.
21. Steel-toe safety shoes.
22. Clean rags.
23. Clipboard.
24. Ballpoint pen.

STANDARDS

Do PM's correctly IAW SB 742-1, SOP, and appropriate SB for item being tested. All safety rules must be followed.

PERFORMANCE MEASURES

1. Verify sample selection from storage (para 2-2, SB 742-1).
2. Be sure items 1 thru 19 on DA Form 984 are completed accurately.
3. Verify visual inspection of item and inner and outer packs.
4. Make sure red flag and warning signs are displayed and all access roads leading to test area are blocked.
5. Make sure test equipment is correctly setup and operates.
6. Make sure samples are identified as to the box from which they were taken.
7. Direct test procedures and make sure they are done IAW SB for items being tested.
8. Verify that inspection and test results on DA Form 984 are correct.
9. Be sure that DA Form 984 and all other reports are complete and correct.

TASK 093-55X-4333 (Cont)

10. Sign DA Form 984 and send to the administrative clerk for appropriate action.

REFERENCES

AR 385 series; FM 9-38; TM 9-1300-206, TM 9-1330-200-12, TM 43-001-47, TM 743-200-1; SB 742-1, SB 742-1330-38; APE manuals and SOP.

TASK 093-55X-4334

CONDUCT FUNCTION TEST OF RIOT CONTROL HAND GRENADES

CONDITIONS

You are the chief ammunition inspector, and you must conduct a function test of a lot number of riot control hand grenades. This task will be done at the surveillance function test range. FM 9-38, TM 9-1300-206, SB 700-1300-1, SB for grenade being tested, SOP and ammunition surveillance records and reports will be available.

EQUIPMENT

1. APE 1922 (pneumatic grenade launcher).
2. APE 1922-E004 (chemical grenade function test kit).
3. Stopwatches.
4. Protective mask.
5. Warning signs.
6. Red flag.
7. Telephone or two-way radio.
8. Fire fighting equipment.
9. First aid kit.
10. Clipboard.
11. Ballpoint pen.
12. Cargo vehicle.
13. Samples of a lot number of grenades.

STANDARDS

Do PM's correctly IAW SB 742-1, SOP, and SB for grenade being tested. All safety rules must be followed.

PERFORMANCE MEASURES

1. Verify sample selection from storage (para 2-2, SB 742-1).
2. Be sure items 1 thru 19 on DA Form 984 are completed accurately.
3. Verify visual inspection of item and inner and outer packs.
4. Make sure red flag and warning signs are displayed and all access roads leading to test area are blocked.
5. Make sure test equipment is setup correctly and operates.
6. Make sure samples are identified as to the box from which they were taken.
7. Direct test procedures and make sure they are done IAW SB for item being tested.
8. Make sure the inspection and test results on DA Form 984 are correct.
9. Be sure DA Form 984 and all other reports are complete and correct.
10. Review and sign DA Form 984 and send to the administrative clerk for appropriate action.

REFERENCES

AR 385 series; FM 9-38; TM 9-1300-206, TM 43-0001-47, TM 743-200-1; SB 3-30-156, SB 3-1330-11, SB 700-1300-1, SB 742-1; APE manuals and SOP.

TASK 093-55X-4335

CONDUCT FUNCTION TEST OF SMOKE HAND GRENADES

CONDITIONS

You are the chief ammunition inspector, and you must conduct a function test of a lot number of smoke grenades. This task will be done at the surveillance function test range. All appropriate ammunition surveillance records and reports will be available and used.

EQUIPMENT

1. APE 1922-M1 (pneumatic launcher).
2. APE 1922M1-E004 (chemical grenade kit).
3. APE 1937 (personnel protective shelter).
4. Stopwatch.
5. Protective mask.
6. Leather or leather-palm gloves.
7. Explosive handler's coveralls.
8. Lanyards.
9. Warning signs.
10. Red flag.
11. Fire fighting equipment.
12. Telephone or two-way radio.
13. Clipboard.
14. Ballpoint pen.

STANDARDS

Do PM's correctly IAW SB 742-1, SOP and appropriate SB for item being tested. All safety rules must be followed.

PERFORMANCE MEASURES

1. Verify sample selection from storage (para 2-2, SB 742-1).
2. Be sure items 1 thru 19 on DA Form 984 are completed accurately.
3. Verify visual inspection of item and inner and outer packs.
4. Make sure red flag and warning signs are displayed and all access roads leading to the test area are blocked.
5. Be sure test equipment is correctly setup and operates.
6. Make sure samples are identified as to the box from which they were taken.
7. Direct test procedures and make sure they are done IAW SB for items being tested.
8. Verify that inspection and test results on DA Form 984 are correct.
9. Be sure DA Form 984 and all other reports are complete and correct.
10. Sign DA Form 984 and send to the administrative clerk for appropriate action.

REFERENCES

AR 385 series; FM 9-38; TM 8-285, TM 9-1300-206, TM 9-1330-200, TM 9-1330-200-12, TM 9-1330-200-34, TM 38-750, TM 743-200-1; SB 3-30, SB 700-1300-1, SB 742-1, SB 742-1330-94-7; APE manuals and SOP.

TASK 093-55X-4336

CONDUCT FUNCTION TEST OF FRAGMENTATION HAND GRENADES

CONDITIONS

You are the chief ammunition inspector, and you must conduct a function test of a lot number of fragmentation hand grenades. This task will be done at the surveillance function test range. All ammunition surveillance records and reports will be available and used.

EQUIPMENT

1. APE 1901 (immersion tank).
2. APE 1907 (push-pull gage, 0-40 pounds).
3. APE 1937 (personnel protective shelter).
4. APE 1912 (cup-cased thermometer).
5. APE 1917 (ammunition testing pressure gage).
6. APE 1920 (operations shield).
7. APE 1916 (preconditioning oven).
8. Stopwatches 1/100 second devision.
9. Hand grenade function testing fixture.
10. Clipboard.
11. Ballpoint pen.

STANDARDS

Do PM's correctly IAW SB 742-1, SOP, and SB for item being tested. All safety rules must be followed.

PERFORMANCE MEASURES

1. Verify sample selection from storage "(para 2-2, SB 742-1).
2. Be sure items 1 thru 19 on DA Form 984 are completed accurately.
3. Verify visual inspection of item and inner and outer packs.
4. Make sure red flag and warning signs are displayed and all access roads leading to area are blocked.
5. Make sure test equipment is correctly setup and operates.
6. Make sure samples are identified as to the box from which they were taken.
7. Direct test procedures and make sure they are done IAW SB for items being tested.
8. Make sure the inspection and test results on DA Form 984 are correct.
9. Be sure DA Form 984 and all other reports are complete and correct.
10. Sign DA Form 984 and send to the administrative clerk for appropriate action.

REFERENCES

AR 385 series; FM 9-38; TM 9-1300-206, TM 9-1330-200, TM 9-1330-200-12, TM 9-1330-200-34, TM 743-200-1; SB 700-1300-1, SB 742-1, SB 742-1330-94-435, SB 742-1330-94-436; APE manuals and SOP.

2000

TASK 093-55X-4337
CONDUCT FUNCTION TEST OF ANTI PERSONNEL MINES

CONDITIONS

You are the chief ammunition inspector, and you must conduct a function test of a lot number of antipersonnel (AP) mines. This task will be done at the surveillance function test range. All ammunition surveillance records and reports will be available and used.

EQUIPMENT

- | | |
|--|--|
| 1. APE 1901 (immersion tank). | 11. Warning signs. |
| 2. APE 1903 (testing table). | 12. Telephone or two-way radio. |
| 3. APE 1907 (pressure testing release device). | 13. Fire fighting equipment. |
| 4. APE 1912 (cup-cased thermometer). | 14. First aid kit. |
| 5. APE 1920 (operational shields). | 15. Explosive handler's coveralls.. |
| 6. APE 1937 (personnel protective shelter). | 16. Leather or leather-palm gloves. |
| 7. Lead plate IAW para 7bl, SB 742-1345-50. | 17. Steel-toe safety shoes. |
| 8. Metal block with 15/16 inch hole. | 18. Samples of lot number of AP mines. |
| 9. Lanyards. | 19. Cargo vehicle. |
| 10. Red flag. | 20. Clipboard. |
| | 21. Ballpoint pen. |

STANDARDS

Do PM's correctly IAW SB 742-1, SOP and SB for item being tested. All safety rules must be followed.

PERFORMANCE MEASURES

1. Verify sample selection from storage (para 2-2, SB 742-1).
2. Be sure items 1 thru 19 on DA Form 984 are completed accurately.
3. Verify visual inspection of item and inner and outer packs.
4. Make sure red flag and warning signs are displayed and that all access roads leading to test area are blocked.
5. Make sure test equipment is setup correctly and operates.
6. Make sure samples are identified as to the box from which they were taken.
7. Direct test procedures and make sure they are done IAW SB for items being tested.
8. Make sure the inspection and test results on DA Form 984 are correct.
9. Be sure DA Form 984 and all other reports are complete and correct.
10. Sign DA Form 984 and send to the administrative clerk for appropriate action.

TASK 093-55X-4337 (Cont)

REFERENCES

**AR 385 series; FM 9-38; TM 9-1300-206, TM 743-200-1; SB 700-1300-1,
SB 742-1, SB 742-1345-1, SB 742-1345-50; APE manuals and SOP.**

**TASK 093-55X-4338
CONDUCT FUNCTION TEST OF MINE FUZES**

CONDITIONS

You are the chief ammunition inspector, and you must conduct a function test of a lot number of mine fuzes. This task will be done at the surveillance function test range. All ammunition surveillance records and reports will be available and used.

EQUIPMENT

1. APE 1901 (immersion tank).
2. APE 1903 (testing table).
3. APE 1907 (pressure testing device).
4. APE 1907-E002 (M6A1 fuze function test kit with cocking device).
5. APE 1909 (holding and fuze break-off fixture).
6. APE 1912 (cup-cased thermometer).
7. Lanyards.
8. Warning signs.
9. Red flag.
10. Telephone or two-way radio.
11. Fire fighting equipment.
12. First aid kit.
13. Clipboard.
14. Ballpoint pen.
15. Samples of a lot number of mine fuzes.
16. Cargo vehicle.

STANDARDS

Do PM's correctly IAW SB 742-1, SOP, and SB for item being tested. All safety rules must be followed.

PERFORMANCE MEASURES

1. Verify sample selection from storage (para 2-2, SB 742-1).
2. Be sure items 1 thru 19 on DA Form 984 are completed accurately.
3. Verify visual inspection of item and inner and outer packs.
4. Make sure red flag and warning signs are displayed and all access roads leading to test area are blocked.
5. Make sure test equipment is setup correctly and operates.
6. Make sure samples are identified as to the box from which they were taken.
7. Direct test procedures and make sure they are done IAW SB for items being tested.
8. Make sure the inspection and test results on DA Form 984 are correct.
9. Be sure DA Form 984 and all other reports are complete and accurate.
10. Sign DA Form 984 and send to the administrative clerk for appropriate action.

REFERENCES

AR 385 series; FM 9-38; TM 9-1300-206, TM 743-200-1; SB 700-1300-1, SB 742-1, SB 742-1345-47; APE manuals and SOP.

TASK 093-55X-4339

CONDUCT FUNCTION TEST OF GROUND ILLUMINATION SIGNALS

CONDITIONS

You are the chief ammunition inspector, and you must conduct a function test of a lot number of ground illumination signals. This task will be done at the surveillance function test range. All appropriate ammunition surveillance records and reports will be available and used.

EQUIPMENT

1. APE 1901 (immersion tank).
2. APE 1938 (low temperature chamber).
3. Stopwatches.
4. APE 1908 (altitude and drift measuring device).
5. APE 1912 (cup-cased thermometer).
6. APE 1914 (anemometer).
7. APE 1915 (wind speed indicator).
8. APE 1918 (holding device for ground signal).
9. APE 1918 (test kit for M125, M126 and M127 signals).
10. APE 1937 (personnel protective shelter).
11. APE 1916 (preconditioning oven).
12. Samples of a lot number of signals.
13. Cargo vehicle.
14. Telephone or two-way radio.
15. Warning signs.
16. Red flag.
17. Fire fighting equipment.
18. Leather or leather-palm gloves.
19. Explosive handler's coveralls.
20. Hard hats.
21. Steel-toe shoes.
22. Clean rags.
23. Clipboards.
24. Ballpoint pens.

STANDARDS

Do PM's correctly IAW SB 742-1, SOP and SB for item being tested. All safety rules must be followed.

PERFORMANCE MEASURES

1. Verify sample selection from storage (para 2-2, SB 742-1).
2. Be sure items 1 thru 19 on DA Form 984 are completed accurately.
3. Verify visual inspection of item and inner and outer packs.
4. Make sure red flag and warning signs are displayed and all access roads leading to test area are blocked.
5. Be sure test equipment is correctly setup and operates.
6. Make sure samples are identified as to the box from which they were taken.
7. Direct test procedures and make sure they are done IAW SB for items being tested.

TASK 093-55X-4339 (Cont)

8. Make sure the inspection and test results on DA Form 984 are correct.
9. Be sure DA Form 984 and all other reports are complete and correct.
10. Sign DA Form 984 and sent to the administrative clerk for appropriate action.

REFERENCES

AR 385 series; FM 9-38; TM 9-1300-206, TM 743-200-1; SB 700-1300-1, SB 742-1, SB 742-1370-3, SB 742-1370-15, SB 742-1370-30, SB 742-1370-31, SB 742-1370-37; APE manuals and SOP.

TASK 093-55X-4340

CONDUCT FUNCTION TEST OF AIRCRAFT ILLUMINATION SIGNAL

CONDITIONS

You are the chief ammunition inspector, and you must conduct a function test of a lot number of aircraft illumination signals. This task will be done at the surveillance function test range. All ammunition surveillance records and reports will be available and used.

EQUIPMENT

1. APE 1901 (immersion tank).
2. APE 1902 (holding device).
3. APE 1908 (plotting and measuring set).
4. APE 1912 (cup-cased thermometer).
5. APE 1914 (anemometer).
6. APE 1915 (wind speed indicator).
7. APE 1937 (personnel protective shelter).
8. Pyrotechnic pistol (AN-M8).
9. Stopwatches.
10. Telephone or two-way radio.
11. Warning signs.
12. Red flag.
13. First aid kit.
14. Fire fighting equipment.
15. Leather or leather-palm gloves.
16. Explosive handler's coveralls.
17. Hard hats.
18. Steel-toe safety shoes.
19. Clean rags.
20. Samples of a lot number of aircraft signals.
21. Cargo vehicle.
22. Clipboard.
23. Ballpoint pen.

STANDARDS

Do PM's correctly IAW SB 742-1, SOP, and SB for item being tested. All safety rules must be followed.

PERFORMANCE MEASURES

1. Verify sample selection from storage (para 2-2, SB 742-1).
2. Be sure items 1 thru 19 on DA Form are completed accurately.
3. Verify visual inspection of item and inner and outer packs.
4. Make sure red flag and warning signs are displayed and all access roads leading to test area are blocked.
5. Make sure test equipment is setup correctly and operates.
6. Make sure samples are identified as to the box from which they were taken.
7. Direct test procedures and make sure they are done IAW SB for item being tested.
8. Make sure the inspection and test results on DA Form 984 are correct.
9. Be sure DA Form 984 and all other reports are complete and correct.
10. Sign DA Form 984 and send to the administrative clerk for appropriate action.

TASK 093-55X-4340 (Cont)

REFERENCES

**AR 385 series; FM 9-38; TM 9-1300-206, TM 743-200-1; SB 700-1300-1,
SB 742-1, SB 742-1370-10, SB 742-1370-11, SB 742-1370-12; APE manuals and
SOP.**

TASK 093-55X-4341
CONDUCT FUNCTION TEST OF GROUND SMOKE SIGNALS

CONDITIONS

You are the chief ammunition inspector, and you must conduct a function test of a lot number of ground smoke signals. This task will be done at the surveillance function test range in suitable weather. All ammunition surveillance records and reports will be available and used.

EQUIPMENT

- | | |
|---|---|
| 1. APE 1901 (immersion tank). | 11. APE 1938 (low temperature chamber). |
| 2. APE 1902 (holding device). | 12. Warning signs. |
| 3. APE 1902-E001 (mount kit for M1 or M14 rifle). | 13. Red flag. |
| 4. APE 1908 (measuring device, altitude and drift). | 14. Telephone or two-way radio. |
| 5. APE 1912 (cup-cased thermometer). | 15. Fire fighting equipment. |
| 6. APE 1914 (anemometer). | 16. First aid kit. |
| 7. APE 1915 (wind speed indicator). | 17. Clipboard. |
| 8. APE 1916 (preconditioning oven). | 18. Ballpoint pen. |
| 9. APE 1918 (holding device, hand signal). | 19. Samples, lot number of signals. |
| 10. APE 1918-E001 (test kit M125, M126 and M127 signals). | 20. Cargo vehicle. |

STANDARDS

Do PM's correctly IAW SB 742-1, SOP, and SB for item being tested. All safety rules must be followed.

PERFORMANCE MEASURES

1. Verify sample selection from storage (para 2-2, SB 742-1).
2. Be sure items 1 thru 19 on DA Form 984 are completed accurately.
3. Verify visual inspection of item and inner and outer packs.
4. Make sure red flag and warning signs are displayed and all access roads leading to test area are blocked.
5. Make sure test equipment is correctly setup and operates.
6. Make sure samples are identified as to the box from which they are taken.
7. Direct test procedures and make sure they are done IAW SB for items being tested.
8. Make sure the inspection and test results on DA Form 984 are correct.
9. Be sure DA Form 984 and all other reports are complete and correct.
10. Review and sign DA Form 984 and send to the administrative clerk for appropriate action.

TASK 093-55X-4341 (Cont)

REFERENCES

**AR 385 series; FM 9-38; TM 9-1300-206, TM 743-200-1; SB 700-1300-1,
SB 742-1, SB 742-1370-16, SB 742-1370-54, SB 742-1370-94-453; APE manuals
and SOP.**

TASK 093-55X-4342

CONDUCT FUNCTION TEST OF HC SMOKE POTS

CONDITIONS

You are the chief ammunition inspector, and you must conduct a function test of a lot number of smoke pots. This task will be done at the surveillance function test range. All ammunition surveillance records and reports will be available and used.

EQUIPMENT

1. Protective mask.
2. Blasting machine.
3. Warning signs.
4. Red flag.
5. Telephone or two-way radio.
6. Fire fighting equipment.
7. First aid kit.
8. Clipboard.
9. Ballpoint pen.
10. Samples of lot number of smoke pots.
11. Cargo vehicle.

STANDARDS

Do PM's correctly IAW SB 742-1, SOP, and SB for item being tested. All safety rules must be followed.

PERFORMANCE MEASURES

1. Verify sample selection from storage (para 2-2, SB 742-1).
2. Be sure items 1 thru 19 on DA Form 984 are completed accurately.
3. Verify visual inspection of item and inner and outer packs.
4. Make sure red flag and warning signs are displayed and all access roads leading to the test area are blocked.
5. Be sure test equipment is setup right and operates.
6. Make sure samples are identified as to the box from which they were taken.
7. Direct test procedures and make sure they are done IAW SB for items being tested.
8. Make sure the inspection and test results on DA Form 984 are correct.
9. Be sure DA Form 984 and all other reports are complete and correct.
10. Sign DA Form 984 and to the administrative clerk for action.

REFERENCES

AR 385 series; FM 9-38; TM 9-1300-206, TM 743-200-1; SB 3-30, SB 3-30-154, SB 700-1300-1, SB 742-1; APE manuals and SOP.

TASK 093-55X-4343

CONDUCT FUNCTION TEST OF FIRING DEVICES

CONDITIONS

You are the chief ammunition inspector, and you must conduct a function test of a lot number of firing devices. This task will be done at the surveillance function test range. All ammunition surveillance records and reports will be available and used.

EQUIPMENT

- | | |
|--|--|
| 1. APE 1903 (testing table). | 10. Locally prefabricated holding device. |
| 2. APE 1907 (pressure testing device). | 11. Telephone or two-way radio. |
| 3. APE 1907-E003 (firing device kit, demolition, pressure-release type, M5). | 12. Warning signs. |
| 4. APE 1907-E004 (firing device kit, demolition, release type, M1). | 13. Red flag. |
| 5. APE 1907-E005 (firing device kit, pressure type, demolition, M1). | 14. First aid kit. |
| 6. APE 1907-E008 (function test kit firing device, pull-release type, M3). | 15. Fire fighting equipment. |
| 7. APE 1912 (cup-cased thermometer). | 16. Samples of a lot number of firing devices. |
| 8. APE 1916 (preconditioning oven). | 17. Cargo vehicle. |
| 9. APE 1917 (push-pull gage). | 18. Clipboard. |
| | 19. Ballpoint pen. |

STANDARDS

Do PM's correctly IAW SB 742-1, SOP, and appropriate SB for item being tested. All safety rules must be followed.

PERFORMANCE MEASURES

1. Verify sample selection from storage (para 2-2, SB 742-1).
2. Be sure items 1 thru 19 on DA Form 984 are completed accurately.
3. Verify visual inspection of item and inner and outer packs.
4. Make sure red flag and warning signs are displayed and all access roads leading to the test area are blocked.
5. Make sure test equipment is setup right and operates.
6. Make sure samples are identified as to the box from which they were taken.
7. Direct test procedures and make sure they are performed IAW SB for items being tested.
8. Make sure the inspection and test results on DA Form 984 are correct.
9. Be sure DA Form 984 and all other reports are complete and correct.
10. Sign DA Form 984 and send to the administrative clerk for action.

TASK 093-55X-4343 (Cont)

REFERENCES

AR 385 series; FM 9-38, TM 9-1300-206, TM 9-1375-213-12, TM 43-001-47,
TM 743-200-1; SB 700-1300-1, SB 742-1, SB 742-1375 series; APE manuals
and SOP.

TASK 093-55X-4344

CONDUCT FUNCTION TEST OF TIME BLASTING FUSE IGNITERS

CONDITIONS

You are the chief ammunition inspector, and you must conduct a function test of a lot number of time blasting fuse igniters. This task will be done at the surveillance function test range. All ammunition surveillance records and reports will be available and used.

EQUIPMENT

- | | |
|--------------------------------------|---|
| 1. APE 1901 (immersion tank). | 8. Fire fighting equipment. |
| 2. APE 1903 (testing table). | 9. First aid kit. |
| 3. APE 1912 (cup-cased thermometer). | 10. Clipboard. |
| 4. APE 1917 (push-pull gage). | 11. Ballpoint pen. |
| 5. Warning signs. | 12. Samples of a lot number of fuse igniters. |
| 6. Red flag. | |
| 7. Telephone or two-way radio. | 13. Cargo vehicle. |

STANDARDS

Do PM's correctly IAW SB 742-1, SOP, and SB for item being tested. All safety rules must be followed.

PERFORMANCE MEASURES

1. Verify sample selection from storage (para 2-2, SB 742-1).
2. Be sure items 1 thru 19 on DA Form 984 are completed accurately.
3. Verify visual inspection of item and inner and outer packs.
4. Make sure red flag and warning signs are displayed and all access roads leading to test area are blocked.
5. Make sure test equipment is setup right and operates.
6. Make sure samples are identified as to the box from which they were taken.
7. Direct test procedures and make sure test procedures are done IAW the SB for items being tested.
8. Make sure the inspection and test results on DA Form 984 are correct.
9. Be sure that DA Form 984 and all other reports are complete and correct.
10. Sign DA Form 984 and send to the administrative clerk for action.

REFERENCES

AR 385 series; FM 9-38; TM 9-1300-206, TM 9-1375-213-12, TM 43-001-47, TM 743-200-1; SB 700-1300-1, SB 742-1, SB 742-1375-20, SB 742-1375-45, SB 742-1375-94-434; APE manuals and SOP.

TASK 093-55X-4345

CONDUCT FUNCTION TEST OF BLASTING CAPS

CONDITIONS

You are the chief ammunition inspector, and you must conduct a function test of a lot number of blasting caps. This task will be done at the surveillance function test range. All ammunition surveillance records and reports will be available and used.

EQUIPMENT

1. APE 1903 (testing table).
2. APE 1903-E005 (function test kit).
3. APE 1901 (immersion tank).
4. APE 1912 (cup-cased thermometer).
5. APE 1916 (preconditioning oven).
6. APE 1937 (personnel protection shelter).
7. APE 1938 (low temperature chamber).
8. Blasting machine or APE substitute.
9. Safety fuse.
10. Crimpers M1 or M2.
11. Igniter M60.
12. Galvanometer.
13. Stopwatch.
14. Metal block.
15. Lead disk.
16. Telephone or two-way radio.
17. Warning signs.
18. Red flag.
19. First aid kit.
20. Fire fighting equipment.
21. Explosive handler's coveralls.
22. Steel-toe safety shoes.
23. Samples of lot number of blasting caps.
24. Cargo vehicle.
25. Clipboard.
26. Ballpoint pen.

STANDARDS

Do PM's correctly IAW SB 74201, SOP, and SB for item being tested. All safety rules must be followed.

PERFORMANCE MEASURES

1. Verify sample selection from storage (para 2-2, SB 742-1).
2. Be sure items 1 thru 19 on DA Form 984 are completed accurately.
3. Verify visual inspection of item and inner and outer packs.
4. Make sure red flag and warning signs are displayed and all access roads leading to test area are blocked.
5. Make sure test equipment is setup right and operates.
6. Make sure samples are identified as to the box from which they were taken.
7. Direct test procedures and make sure test procedures are done IAW SB for item being tested.
8. Make sure the inspection and test results on DA Form 984 are correct.
9. Be sure DA Form 984 and all other reports are complete and correct.

TASK 093-55X-4345 (Cont)

10. Sign DA Form 984 and send to the administrative clerk for action.

REFERENCES

**AR 385 series; FM 9-38, TM 9-1300-206, TM 743-200-1; SB 700-1300-1,
SB 742-1, SB 742-1375-94-443, SB 742-1370-94-452; APE manuals and SOP.**

TASK 093-55X-4346

CONDUCT FUNCTION TEST OF DETONATORS

CONDITIONS

You are the chief ammunition inspector, and you must conduct a function test of a lot number of detonators. This task will be done at the surveillance function test range in suitable weather. All ammunition surveillance records and reports will be available and used.

EQUIPMENT

- | | |
|--------------------------------------|--|
| 1. APE 1901 (immersion tank). | 10. Red flag. |
| 2. APE 1903 (testing table). | 11. Telephone or two-way radio. |
| 3. APE 1912 (cup-cased thermometer). | 12. Fire fighting equipment. |
| 4. APE 1916 (preconditioning oven). | 13. First aid kit. |
| 5. APE 1917 (push-pull gage). | 14. Samples of a lot number of detonators. |
| 6. Lead disk. | 15. Cargo vehicle. |
| 7. Metal blocks. | 16. Clipboard. |
| 8. Holding device. | 17. Ballpoint pen. |
| 9. Warning signs. | |

STANDARDS

Do PM's correctly IAW SB 742-1, SOP, and SB for item being tested. All safety rules must be followed.

PERFORMANCE MEASURES

1. Verify sample selection from storage (para 2-2, SB 742-1).
2. Be sure items 1 thru 19 on DA Form 984 are completed accurately.
3. Verfiy visual inspection of item and inner and outer packs.
4. Make sure red flag and warning signs are displayed and all access roads leading to test area are blocked.
5. Make sure test equipment is setup right and operates.
6. Make sure samples are identified as to the box from which they were taken.
7. Direct test procedures and make sure they are done IAW SB for item being tested.
8. Make sure the inspection and test results on DA Form 984 are correct.
9. Be sure DA Form 984 and all other reports are complete and correct.
10. Sign DA Form 984 and send to the administrative clerk for action.

REFERENCES

AR 385-series; FM 9-38; TM 9-1200-206, TM 743-200-1; SB 700-1300-1, SB 742-1, SB 742-1375-41; appropriate APE manuals and SOP.

TASK 093-55X-4347

CONDUCT FUNCTION TEST OF INCENDIARY HAND GRENADES

CONDITIONS

You are the chief ammunition inspector, and you must conduct a function test of a lot number of incendiary hand grenades. This task will be done at the surveillance function test range. All ammunition surveillance records and reports will be available and used.

EQUIPMENT

1. APE 1922 (grenade testing pneumatic launcher).
2. APE 1922-E004 (chemical grenade kit).
3. APE 1937 (personnel protective shelter).
4. APE 1937-E004 (lanyard guide unit kit).
5. Stopwatch.
6. Lanyards.
7. Leather or leather-palm gloves.
8. Asbestos gloves.
9. Explosive handler's coveralls.
10. Polarized (shade 2) protective lens.
11. Fire fighting equipment.
12. First aid kit.
13. Telephone or two-way radio.
14. Warning signs.
15. Red flag.
16. Clipboard.
17. Ballpoint pen.
18. Cargo vehicle.
19. Samples of a lot number of incendiary grenades.

STANDARDS

Do PM's correctly IAW SB 742-1, SOP, and SB for item being tested. All safety rules must be followed.

PERFORMANCE MEASURES

1. Verify sample selection from storage (para 2-2, SB 742-1).
2. Be sure items 1 thru 19 on DA Form 984 are completed accurately.
3. Verify visual inspection of item and inner and outer packs.
4. Make sure red flag and warning signs are displayed and all access roads leading to test area are blocked.
5. Make sure test equipment is setup right and operates.
6. Make sure samples are identified as to the box from which they were taken.
7. Direct test procedures and make sure they are done IAW SB for items being tested.
8. Make sure the inspection and test results on DA Form 984 are correct.
9. Be sure DA Form 984 and all other reports are complete and correct.

TASK 093-55X-4347 (Cont)

10. Sign DA Form 984 and send to the administrative clerk for action.

REFERENCES

**AR 385 series; FM 9-38; TM 9-1300-206, TM 743-200-1; SB 3-30-159,
SB 700-1300-1, SB 742-1; APE manuals and SOP.**

**TASK 093-55X-4348
CONDUCT FUNCTION TEST OF SIMULATORS**

CONDITIONS

You are the chief ammunition inspector, and you must conduct a function test of a lot number of simulators. This task will be done at the surveillance function test range. All ammunition surveillance records and reports will be available.

EQUIPMENT

1. APE 1901 (immersion tank).
2. APE 1902 (holding device).
3. APE 1902-E001 (mount kit M1 or M14 rifle).
4. APE 1903 (testing table).
5. APE 1908 (altitude and drift measuring device).
6. APE 1912 (cup-cased thermometer).
7. APE 1913 (sound level meter).
8. APE 1914 (anemometer).
9. APE 1915 (wind speed indicator).
10. APE 1916 (preconditioning oven).
11. APE 1926 (lanyard quick release device).
12. APE 1938 (low temperature chamber).
13. Lanyards.
14. Warning signs.
15. Red flag.
16. Telephone or two-way radio.
17. Fire fighting equipment.
18. First aid kit.
19. Clipboard.
20. Ballpoint pen.

STANDARDS

Do PM's correctly IAW SB 742-1, SOP, and SB for item being tested. All safety rules must be followed.

PERFORMANCE MEASURES

1. Verify sample selection from storage (para 2-2, SB 742-1).
2. Be sure items 1 thru 19 on DA Form 984 are completed accurately.
3. Verify visual inspection of item and inner and outer packs.
4. Make sure red flag and warning signs are displayed and all access roads leading to test area are blocked.
5. Make sure test equipment is setup right and operates.
6. Make sure samples are identified as to the box from which they were taken.
7. Direct test procedures and make sure they are done IAW SB for items being tested.
8. Make sure the inspection and test results on DA Form 984 are correct.
9. Be sure DA Form 984 and all other reports are complete and correct.
10. Review and approve DA Form 984 and send to the administrative clerk for action.

TASK 093-55X-4348 (Cont)

REFERENCES

AR 385 series; FM 9-38; TM 9-1300-206, TM 743-200-1; SB 700-1300-1, SB 742-1, SB 742-1370-4, SB 742-1370-6, SB 742-1370-7, SB 742-1370-8; APE manuals and SOP.

TASK 093-55X-4349

CONDUCT FUNCTION TEST OF SURFACE TRIP FLARES

CONDITIONS

You are the chief ammunition inspector, and you must conduct a function test of a lot number of surface trip flares. This task will be done at the surveillance function test range. All ammunition surveillance records and reports will be available and used.

EQUIPMENT

- | | |
|---|--|
| 1. APE 1901 (immersion tank). | 13. First aid kit. |
| 2. APE 1903 (testing table). | 14. Fire fighting equipment. |
| 3. APE 1903-E003 (cap removal kit). | 15. Leather or leather palm gloves. |
| 4. APE 1903-E001 (function test kit). | 16. Explosive handler's coveralls. |
| 5. APE 1912 (cup-cased thermometer). | 17. Steel toe safety shoes. |
| 6. APE 1917 (push-pull gage). | 18. Clean rags. |
| 7. APE 1937 (personnel protective shelter). | 19. Samples of a lot number of flares. |
| 8. Lanyards with swivel snaps. | 20. Cargo vehicle. |
| 9. Stopwatches. | 21. Clipboard. |
| 10. Telephone or two-way radio. | 22. Ballpoint pen. |
| 11. Red flag. | |
| 12. Warning signs. | |

STANDARDS

Do PM's correctly IAW SB 742-1, SOP, and SB for item being tested. All safety rules must be followed.

PERFORMANCE MEASURES

1. Verify sample selection from storage (para 2-2, SB 742-1).
2. Be sure items 1 thru 19 on DA Form 984 are completed accurately.
3. Verify visual inspection of item and inner and outer packs.
4. Make sure red flag and warning signs are displayed and all access roads leading to the test area are blocked.
5. Make sure test equipment is setup right and operates.
6. Make sure samples are identified as to the box from which they were taken.
7. Direct test procedures and make sure test procedures are done IAW SB for item being tested.
8. Make sure the inspection and test results on DA Form 984 are correct.
9. Be sure DA Form 984 and all other reports are complete and correct.
10. Sign DA Form 984 and forward to administrative clerk for appropriate action.

TASK 093-55X-4349 (Cont)

REFERENCES

AR 385 series; FM 9-38; TM 9-1300-206, TM 9-1370-203-12, TM 743-200-1;
SB 700-1300-1, SB 742-1, SB 742-1370-9; APE manuals and SOP.

**TASK 093-55X-4350
CONDUCT FUNCTION TEST OF WP GRENADES**

CONDITIONS

You are the chief ammunition inspector, and you must conduct a function test of a lot number of WP grenades. This task will be done at the surveillance function test range in suitable weather. All ammunition surveillance records and reports will be available and used.

EQUIPMENT

1. APE 1917 (ammunition testing pressure gage).
2. APE 1922 (grenade testing pneumatic launcher).
3. APE 1922-E004 (chemical grenade kit).
4. APE 1937 (personnel protective shelter).
5. APE 1937-E001 (periscope and step stool kit).
6. APE 1937-E004 (lanyard guide unit kit).
7. Stopwatches.
8. Lanyards.
9. Container filled with water large enough to submerge a leaking WP grenade.
10. Leather or leather-palm gloves.
11. Flame proof gloves.
12. Explosive handler's coveralls.
13. Protective mask.
14. WP first aid kit.
15. Fire fighting equipment.
16. Demolition equipment and accessories.
17. Demolition charges.
18. Blasting caps.
19. Time fuse.
20. Fuse lighters.
21. Warning signs.
22. Red flag.
23. Telephone or two-way radio.
24. Samples of a lot number of grenades.
25. Cargo vehicle.
26. Clipboard.
27. Ballpoint pen.

STANDARDS

Do PM's correctly IAW SB 742-1, SOP, and SB for item being tested. All safety rules must be followed.

PERFORMANCE MEASURES

1. Verify sample selection from storage (para 2-2, SB 742-1).
2. Be sure items 1 thru 19 on DA Form 984 are completed accurately.
3. Verify visual inspection of item and inner and outer packs.
4. Make sure red flag and warning signs are displayed and all access roads leading to test area are blocked.
5. Make sure test equipment is setup right and operates.

TASK 093-55X-4350 (Cont)

6. Make sure samples are identified as to the box from which they were taken.
7. Direct test procedures and make sure they are done IAW SB for item being tested.
8. Make sure the inspection and test results on DA Form 984 are correct.
9. Be sure DA Form 984 and all other reports are complete and correct.
10. Sign DA Form 984 and send to the administrative clerk for appropriate action.

REFERENCES

AR 385 series; FM 9-38; TM 3-250, TM 8-285, TM 9-1300-204, TM 9-1300-206, TM 9-1330-200, TM 9-1330-200-12. TM 9-1330-200-34, TM 743-200-1; SB 3-30, SB 3-30-201, SB 3-1330-1, SB 3-1330-2, SB 700-1300-1. SB 742-1; APE manuals and SOP.

**TASK 093-55X-4401
MONITOR MAINTENANCE FACILITIES INSPECTIONS**

CONDITIONS

You are the chief ammunition inspector, and you must monitor and evaluate an ammunition inspector performing an inspection of a maintenance facility. Task will be done at the maintenance line. The following publications will be available:

- | | |
|-------------------|-------------------|
| 1. AR 385-22. | 5. TM 10-277. |
| 2. FM 9-19. | 6. TM 43-0001-47. |
| 3. TM 9-1300-206. | 7. AMCR 385-100. |
| 4. TM 9-1300-250. | 8. SOP. |

EQUIPMENT

Clipboard and ballpoint pen.

STANDARDS

Do PM's correctly IAW DOD Reg 5154.4S, AR 385-22, TM 9-1300-206, AMCR 385-100 and SOP. All safety rules must be followed.

PERFORMANCE MEASURES

1. Check the performance of the inspector to be sure the operations are performed correctly.
2. Make sure the lightning protection system has been visually inspected and tested within the specified time interval.
3. Be sure equipment and conductive flooring is grounded and certificate of grounding test is posted.
4. Make sure all exits are marked right.
5. Make sure all fire extinguishers are serviceable and have been inspected within the last month.
6. Make sure a first aid kit is at operating line.
7. Be sure all tools, gages and other equipment are serviceable and clean.
8. Inspect housekeeping of maintenance facility.
9. Be sure the right fire symbols or chemical hazard markers are posted.
10. Check maintenance condition of APE and associated records.
11. Make sure operational shields are being used when required.
12. Be sure protective clothing is available and being used when required.
13. Make sure all surveillance records and reports are complete and accurate.

TASK 093-55X-4401 (Cont)

14. Note discrepancies and counsel the ammunition inspector.

REFERENCES

DOD Reg 5154.4S; AR 385-22, AR 385-64; FM 9-19, FM 9-38; TM 9-1300-206, TM 9-1300-250, TM 10-277; AMCR 385-100; Depot Maintenance Work Requirements; maintenance SOP and APE manuals.

TASK 093-55X-4402

MONITOR IN-PROCESS VERIFICATION INSPECTION

CONDITIONS

You are the chief ammunition inspector, and you must monitor and evaluate an ammunition inspector doing an in-process verification inspection. This task will be done at the maintenance line. The following forms and publications will be available:

1. SB 742-1.
2. MIL-STD 105D.
3. MIL-STD 129F.
4. MIL-STD 414.
5. MIL-STD 1167C.
6. MIL-STD 1235A.
7. Other applicable MIL-SPECS.
8. Ammunition drawings.
9. Depot Maintenance Work Requirements (DMWR).
10. Copy of maintenance work order.
11. Maintenance SOP.

EQUIPMENT

Clipboard and ballpoint pen.

STANDARDS

Do PM's correctly IAW AR 725-50, FM 9-38, TM 743-200-1, SB 742-1, MIL-STD 105D, MIL-STD 129F, MIL-STD 414, MIL-STD 1167C, MIL-STD 1235A and MIL-SPEC, ammunition drawings, DMWR and maintenance SOP. All safety rules must be followed.

PERFORMANCE MEASURES

1. Verify sampling plan to be used (para 2-11, SB 742-1, MIL-STD 105D, MIL-STD 414 and MIL-STD 1235A).
2. Check the number of sampling points to determine if sufficient to make sure a quality product is provided.
3. Verify acceptance sampling plan checklist.
4. Check sampling points throughout the maintenance line to be sure the right tools, gages, micrometers and maintenance SOP, and other required items are available at each point.
5. Make sure all tools and test equipment are properly used by inspectors.
6. Make sure samples are selected from the maintenance line and inspected. Sample defects are to be listed on checklist.
7. Review all surveillance records and reports to make sure they are complete and accurate.
8. Note discrepancies and counsel the ammunition inspector.

TASK 09 3-55X-4402 (Cont)

REFERENCES

AR 700-22, AR 725-50, AR 750-1; FM 9-6, FM 9-19, FM 9-38; TM 9-243,
TM 9-1300-206, TM9-1300-250, TM 9-1300-251-20, TM 9-1300-251-34; TB 43-0196,
TB 750-242-1; SB 742-1; MIL-STD 105D, MIL-STD 129F, MIL-STD 414,
MIL-STD 1167C, MIL-STD 1235A, MIL-SPECS; ammunition drawings and DMWR's.

TASK 093-55X-4403

MONITOR INSPECTION OF CLASS V MAINTENANCE OPERATIONS

CONDITIONS

You are the chief ammunition inspector, and you must monitor and evaluate the ammunition inspector evaluating Class V maintenance operations. This task will be done in the maintenance facility. FM 9-19, TM 9-1300-206, TM 9-1300-250, AMCR 385-100, and maintenance SOP will be available.

EQUIPMENT

Clipboard and ballpoint pen.

STANDARDS

Do PM' correctly IAW FM 9-19, TM 9-1300-250, AMCR 385-100, DMWR and maintenance SOP. All safety rules must be followed.

PERFORMANCE MEASURES

1. Check the performance of the inspector to be sure the operations are being performed correctly.
2. Make sure pertinent sections of SOP are posted for operations being done.
3. Make sure each operator is doing the operation as specified in the SOP.
4. Make sure explosive limits for holding and operating bays are not exceeded.
5. Be sure personnel limits are not exceeded.
6. Make sure munitions are properly spaced on conveyor.
7. Be sure protective clothing is being worn when required.
8. Make sure tools and equipment are being used properly.
9. Make sure munitions are being handled safely and correctly.
10. Make sure the statistical sampling worksheet and other required reports are being maintained correctly.
11. Note any discrepancies and counsel the ammunition inspector.

REFERENCES

AR 385-64; FM 9-19, FM 9-38; TM 9-1300-206, TM 9-1300-250; AMCR 385-100; DMWR's; and maintenance SOP.

TASK 093-55X-4451
MONITOR AN INSPECTION OF DISPOSAL SITE

CONDITIONS

You are the chief ammunition inspector, and you must monitor and evaluate the inspection of disposal site being done by subordinate ammunition inspector. This task will be done at the disposal site, in suitable weather. TM 3-250, TM 9-1300-206 and SOP will be available.

EQUIPMENT

Clipboard, ballpoint pen, and paper.

STANDARDS

Do PM's correctly IAW TM 9-1300-206 and SOP and related technical publications. All safety rules must be followed.

PERFORMANCE MEASURES

1. Be sure the ammunition inspector verifies that the site is correctly prepared for the material to be destroyed.
 - a. Conventional munitions.
 - (1) Burning (para E-4, TM 9-1300-206).
 - (2) Detonation (para E-5, TM 9-1300-206).
 - b. Chemical munitions (para 204, TM 3-250 and special instructions authorizing disposal).
2. Be sure the ammunition inspector verifies the presence of equipment required by SOP.
3. Observe the conduct of disposal operations to be sure all violations are noted and reported.
4. Take immediate action to prevent or correct any violation that may endanger personnel.
5. Make sure the inspector's final report is correct. Be sure all remaining hazardous materiel has been destroyed (TM 9-1300-206, TM 3-250, special instructions authorizing disposal, and SOP).
6. Review the report of inspection with the ammunition inspector to make sure all corrections required are understood by the ammunition inspector.

REFERENCES

AR 385 series; FM 5-25; TM 3-250, TM 9-1300-203, TM 9-1300-206 and SOP.

**TASK 093-55X-4452
MONITOR SALVAGE OPERATION INSPECTIONS**

CONDITIONS

You are the chief ammunition inspector, and you must monitor and evaluate the inspection of salvage operations being done by subordinate inspectors. This task will be done in suitable weather. SB 742-1, and SOP for salvage operations will be available.

EQUIPMENT

Clipboard and ballpoint pen.

STANDARDS

Do PM's correctly IAW SB 742-1, and SOP for salvage operations. All safety rules must be followed.

PERFORMANCE MESURES

1. Be sure the ammunition inspector verifies that procedures are correct (para 3-6, SB 742-1, and SOP for salvage operations).
2. Make sure the ammunition inspector notes any violations of procedures and takes corrective action required (SOP for salvage operations).
3. Make sure the ammunition inspector certifies all salvage material as being free of explosive or other hazardous contamination.
4. Take immediate action to prevent or correct any violation which may endanger personnel.
5. Counsel the ammunition inspector if necessary.

REFERENCES

AR 710-2; FM 9-38; SB 742-1 and SOP.

**TASK 093-55X-4453
MONITOR RESIDUE/SALVAGE MATERIAL INSPECTIONS**

CONDITIONS

You are the chief ammunition inspector, and you must monitor and evaluate subordinate ammunition inspector's performance of residue/salvage material inspections. This task will be done on the maintenance lines and/or demolition area. AR 710-2, FM 9-38, SB 742-1, and SOP will be available.

EQUIPMENT

Clipboard and ballpoint pen.

STANDARDS

Do PM's correctly IAW FM 9-38, SB 742-1 and SOP. All safety rules must be followed.

PERFORMANCE MEASURES

1. Watch the ammunition inspector to be sure required inspection procedures are accomplished correctly.
2. Be sure sampling is correct (SB 742-1).
3. Make sure sampled items are correctly inspected to certify they are free of dangerous material (SB 742-1).
4. Be sure items sampled are correctly inspected and the required mutilation has been done (SB 742-1).
5. Make sure data included on certificate is correct (para 2-20, AR 710).
6. Note any deficiencies.
7. Tell the ammunition inspector of deficiencies noted and make sure they are corrected.

REFERENCES

AR 710-2; FM 9-38; SB 742-1 and SOP.

TASK 093-55X-4501

DIRECT EMERGENCY DESTRUCTION OF AMMUNITION BY BURNING

CONDITIONS

You are the chief ammunition inspector and your unit has been ordered to perform emergency destruction. You must direct the destruction of ammunition stocks by burning. This task will be done at an ammunition storage site in any weather. This task will be done without references.

EQUIPMENT

None required.

STANDARDS

Do PM's correctly IAW TM 750-244-5-1, FM 5-25, and SOP for destruction of munitions. All safety rules must be followed.

PERFORMANCE MEASURES

1. Direct preparation of ammunition for burning (para 2-2a thru 2-2f, TM 750-244-5-1, para 5-11, FM 5-25, and SOP for destruction).
2. Be sure combustible ignition train is arranged correctly (para 2-2g, TM 750-244-5-1 and SOP for destruction).
3. Evacuate personnel (para 1-10, TM 750-244-5-1 and SOP for destruction).
4. Make sure ammunition stacks are destroyed.

REFERENCES

FM 5-25; TM 9-1300-203, TM 9-1300-206; TM 750-244-5-1 and SOP.

TASK 093-55X-4502

DIRECT EMERGENCY DESTRUCTION OF AMMUNITION BY DETONATION

CONDITIONS

You are the chief ammunition inspector, and your unit has received orders to perform emergency destruction of ammunition and explosives. You are to follow the destruction plan, and direct emergency destruction of a designated stack of ammunition. This task will be done in an ammunition storage area under emergency conditions.

EQUIPMENT

None required.

STANDARDS

Do PM's correctly IAW FM 5-25, TM 9-1300-206, and SOP for destruction. All safety rules must be followed.

PERFORMANCE MEASURES

1. Direct placement of charges (para 6-2, TM 9-1300-206, and SOP for destruction).
2. Be sure charges are primed correctly (chap 2, FM 5-25, and SOP for destruction).
3. Make sure dual priming is used to minimize the possibility of a misfire (chap 2, FM 5-25, and SOP for destruction).
4. Be sure personnel are moved to a safe distance before detonation (para 5-2, FM 5-25, and SOP for destruction).
5. Make sure ammunition stacks are destroyed.

REFERENCES

FM 5-25, FM 9-13; TM 9-1300-203, TM 9-1300-206, TM 9-1375-213-12, TM 9-750-244-3-1 and SOP.

FM 9-55X 4

APPENDIX A

CONSOLIDATED LIST OF REFERENCES

NOTE: All references containing information on the subjects listed in this Soldier's Manual may not be listed here. New material is constantly being published and present references may become obsolete. See the DA Pam 310 series and instructional material catalogs to keep up-to-date.

DOD REGULATION (DOD)

4500.32-R	Military Standard Transportation and Movement Procedures (MILSTAMP)	Jan 75
5154.4S	Hazard Identification for Fire Fighting	

ARMY REGULATIONS (AR)

27-10	Military Justice (Change 1-14)	Nov 68
55-38	Reporting of Transportation Discrepancies in Shipment	Mar 75
55-355	Military Traffic Management Regulation (Change 1-20)	Mar 69
75-1	Malfunctions Involving Ammunition and Explosives, Reports Control Symbol AMC-132 (MIN)	Mar 77
190-11	Physical Security of Weapons, Ammunition and Explosives (Change 1)	May 77
385-26	Use of Explosives and Pyrotechnics in Public Demonstrations, Exhibitions and Celebrations	Oct 67
385-30	Safety Color Code Markings and Signs	Nov 71
385-32	Protective Clothing and Equipment	Aug 65
385-40	Accident Reporting and Records	Aug 72
385-42	Investigation of NATO, CENTO, SEATO Nations Aircraft/Missile Accidents/Incidents	Mar 74

ARMY REGULATIONS (AR)

385-61	Safety Program for Chemical Agents and Associated Weapons Systems	Dec 71
385-62	Firing Guided Missiles and Heavy Rockets for Training, Target Practice and Combat (Change 1)	Apr 67
385-63	Regulations for Firing Ammunition for Training, Target Practice and Combat (Change 1)	Feb 73
385-64	Ammunition and Explosives Safety Standards (Change 1)	Mar 72
600-200	Enlisted Personnel Management System (Change 1-54)	Mar 65
672-5-1	Military Awards (Change 1)	Jun 74
700-22	Worldwide Ammunition Reporting System (WARS); Reports Control Symbol CSGLD-1322 (R1) (MIN)	Nov 69
700-58	Packing Improvement Report	Oct 74
702-6	Ammunition Stockpile Reliability Program (ASRP)	Sep 73
702-7	Reporting of Quality Deficiency Data	Apr 74
710-2	Materiel Management for Using Units, Support Units and Installations (Change 1-3)	Aug 71
710-9	Guided Missile and Large Rocket Ammunition Issues, Receipts and Expenditures Reports	
725-50	Requisitioning, Receipt and Issue System	
740-1	Storage and Supply Activity Operations (Change 1-5)	Apr 71
750-1	Army Materiel Maintenance Concepts and Policies	May 72

DA PAMPHLETS (DA PAM)

600-8	Military Personnel Office Management and Administrative Procedures (Change 1-8)	May 77
608-2	Your Personal Affairs (Change 1)	Oct 77

FIELD MANUALS (FM)

3-20	Technical Escort Operations	May 72
3-21	Chemical-Biological Accident Contamination Control	Aug 72
5-25	Explosives and Demolitions	Feb 71
9-6	Ammunition Service in the Theater of Operations	Aug 71
9-13	Ammunition Handbook	Mar 73
9-15	Explosive Ordnance Disposal Unit Operations (Change 1-3)	Aug 70
9-19	Conventional Ammunition Maintenance Unit Operations	Jul 70
9-38	Conventional Ammunition Unit Operations (Change 1-2)	Jun 77
9-47	Special Ammunition Unit Operations	Oct 70
9-59	Missile Support Unit Operations	Sep 72
22-101	Leadership Counseling	Jun 74
55-70	Army Transportation Container Operations	Feb 75

TECHNICAL MANUALS (TM)

3-220	Chemical, Biological and Radiological (CBR) Decontamination	Nov 67
3-250	Storage, Shipment, Handling and Disposal of Chemical Agents and Hazardous Chemicals	Mar 69

TECHNICAL MANUALS (TM)

3-6665-254-12	Operator and Organizational Maintenance Manual: Detector Kit Chemical Agent ABC-M18A2	May 67
8-285	Treatment of Chemical Agent Casualties and Conventional Military Chemical Injuries	May 74
9-243	Use and Care of Hand Tools and Measuring Tools (Change 2)	Sep 60
9-1300-206	Ammunition and Explosives Standards (Change 1-4)	Aug 73
9-1300-250	Ammunition Maintenance	Sep 69
9-1300-251-20	Organizational Maintenance Manual (Including Repair Parts and Special Tools List): Artillery Ammunition for Guns, Howitzers, Mortars, Recoilless Rifles and 40mm Grenade Launchers	Dec 73
9-1300-251-34	Direct Support and General Support Manual (Including Repair Parts and Special Tools List): Artillery Ammunition for Guns, Howitzers, Mortars, Recoilless Rifles and 40mm Grenade Launchers	Jan 75
9-1305-200	Small Arms Ammunition	Jun 61
9-1330-200	Grenades, Hand and Rifle	Sep 71
9-1330-200-12	Operator's and Organizational Maintenance Manual: Grenades, Hand and Rifle	Sep 71
9-1330-200-34	Direct Support and General Support Maintenance Manual: Grenades, Hand and Rifle	Dec 71
9-1345-201-30&P	Direct Support Maintenance Manual (Including Repair Parts and Special Tools List) Mine Dispersing Subsystem, Aircraft: M56 (NSN 1345-00-313-1398)	Dec 75
9-1345-202-12	Operator's and Organizational Maintenance Manual: Mine Antipersonnel: M26 and Mine, Antipersonnel, Practice: XM35	Nov 70

TECHNICAL MANUALS (TM)

9-1370-203-12	Operator and Organizational Maintenance Manual (Including Repair Parts and Special Tools Lists): Military Pyrotechnics (Change 1-3)	Mar 73
9-1375-213-12	Operator and Organizational Maintenance Manual (Including Repair Parts and Special Tools List) Demolition Materials (Change 1)	Mar 73
9-1375-213-34	Direct Support and General Support Maintenance Manual (Including Repair Parts and Special Tools Lists) Demolition Materials (Change 1)	Mar 73
9-1400-425-12	Operator and Organizational Maintenance Manual: Intercept/Aerial Guided Missile System M41 and Training Intercept-Aerial Guided Missile System M46A1 and M46A2 (Redeye Air Defense Guided Missile System) (Change 1-6)	Jan 67
9-1400-425-35	Direct Support, General Support and Depot Maintenance Manual: Intercept-Aerial Guided Missile System M41, Training Intercept-Aerial Guided Missile System M46A1 and M46S2 and Guided Missile Test Set AN/TSM-82 (Redeye Air Defense Guided Missile System) (Change 1-12)	Jan 67
9-1410-206-35	DS, GS and Depot Maintenance Manual: Intercept-Aerial Guided Missile Ammunition Items (NIKE HERCULES and Improved NIKE HERCULES Air Defense Guided Missile Systems) (Change 1-4)	Apr 63
9-1410-250-12/1	Operator and Organizational Maintenance Manual: Intercept-Aerial Guided Missiles MIM-14A, 14-B and 14-C (NIKE HERCULES and Improved NIKE HERCULES Air Defense Guided Missiles Systems) (Change 1-9)	Nov 67
9-1410-250-34	Direct Support and General Support Maintenance Manual: the NIKE HERCULES Guided Missile (less the Missile Guidance Set) (NIKE HERCULES Air Defense Guided Missile System) (Change 1-6)	Dec 65

TECHNICAL MANUALS (TM)

9-1410-375-35	Direct Support, General Support and Depot Maintenance Manual: Ammunition Items of Surface Attack Guided Missile XMGM-31A (PERSHING 1A Field Artillery Missile System) (Change 1-7)	May 65
9-1410-380-12	Operator and Organizational Maintenance Manual: Surface Attack Guided Missile XMGM-31A (PERSHING 1A Field Artillery Missile System) (Change 1,2)	May 73
9-1410-380-34-1	Direct Support and General Support Maintenance Manual: Ballistic Guided Missile XMGM-31A (PERSHING 1A Field Artillery Missile System) (Change 1,2)	May 73
9-1410-465-35	DS, GS and Depot Maintenance Manual: Surveillance of Surface Attack Guided Missiles MGM-51A, MGM-51B, MGM-51C and Practice Missiles MTM-51A, MTM-51B and MTM-51C (SHILLELAGH Guided Missile System) (Change 1-14)	Jun 66
9-1410-470-34	Direct Support and General Support Maintenance Manual Surveillance of Guided Missile Surface Attack BGM-71A and Guided Missile Practice BTM-71A (TOW Heavy Antitank Assault Weapons System)	Feb 72
9-1410-480-34	Direct Support and General Support Maintenance Manual: Intercept-Aerial, Guided Missile MIM-23B-1, MIM-23B-2, and MIM-23B (Improved HAWK Air Defense Guided Missile) (Change 1)	Apr 74
9-1410-530-14	Operator, Organizational, Direct Support General Support Maintenance Manual: Intercept-Aerial Guided Missile MIM-23B, MTM-23B, and MTM-23C (Improved HAWK Air Defense Guided Missile System) (Change 1-9)	Sep 72
9-1410-585-24	Organizational, Direct Support and General Support Maintenance Manual: CHAPARRAL Intercept-Aerial Guided Missile MIM-72A and MIM-72B (CHAPARRAL Training Missile M30 and Supporting Equipment) (CHAPARRAL Air Defense Guided Missile System) (Change 1-3)	Feb 72

TECHNICAL MANUALS (TM)

9-1425-470-12	Operator's and Organizational Maintenance Manual for TOW Heavy Antitank/Assault Weapons Systems (Change 1)	Jan 74
9-1425-525-34	Direct Support and General Support General Maintenance for Improved HAWK Air Defense Guided Missile System (Change 1)	Aug 72
9-1440-585-12	Operator and Organizational Maintenance Manual: Intercept-Aerial, Guided Missile System, M-54 (Launching Station) (CHAPARRAL Air Defense Guided Missile System) (Change 1-22)	Oct 69
9-4935-485-14	Operator's Organizational, Direct Support and General Support, Maintenance Manual for Test Set Guided Missile System AN/TSM-89 and Electrical Equipment Shelter, S-250/G (Modified) (LANCE Guided Missile System) (Change 1,2)	Jan 74
9-4935-587-12	Operator and Organizational Maintenance Manual: Organizational Maintenance Guided Missile System Shop Equipment AN/TSM-95 (CHAPARRAL Air Defense Guided Missile System) (Change 1-17)	Feb 69
10-277	Protective Clothing, Chemical Operations (Change 1)	Jul 67
10-279	Protective Clothing, Missile Fuel Handlers	Nov 62
38-750	The Army Maintenance Management System (TAMMS) (Change 1)	Nov 72
43-0001-28	Army Ammunition Data Sheets for Artillery Ammunition: Guns, Howitzers, Mortars, Recoiless Rifles, and Grenade Launchers (Federal Supply Class 1310, 1315, 1320, 1390)	Apr 77
43-0001-36	Army Ammunition Data Sheets for Land Mines (FSC 1345)	Feb 77
43-0001-37	Army Ammunition Data Sheets: Military Pyrotechnics (Federal Supply Class 1370)	Feb 77

TECHNICAL MANUALS (TM)

43-0001-47	Army Equipment Data Sheets Ammunition Peculiar Equipment	Jul 75
743-200-1	Storage and Materials Handling	Jan 58
750-244-5-1	Destruction of Conventional Ammunition and Improved Conventional Munitions to Prevent Enemy Use (Excluding Toxic and Incapacitating Chemical Agents) (For Combat Units) (Change 1)	May 72

TECHNICAL BULLETINS (TB)

73	Rocket, Chemical 115mm, M55 (GB and VX-Filled) Rocket, Training Dummy 115mm, M60 and Rocket, Practice, Simulator, EG, 115mm, M61 (Change 2)	Oct 63
9-1300-385-1	Munitions Restricted or Suspended	
9-1300-385-2	Munitions Permanently Suspended or Restricted	
43-0196	Inspection and Certification of Gages- Small Arms	Sep 74
750-42-1	Inspection and Certification of Gages- Ammunition	

SUPPLY BULLETINS (SB)

3-30	Chemical Materiel (Other than Class V) Storage Serviceability Standard	Feb 74
3-30-74	Document Destroyer, Emergency Incendiary, M3 Serviceability Standard	Apr 62
3-30-153	Smoke Pot, HC, 10-pound, M1; Smoke Pot, Floating HC, M4A2, Smoke Pot, HC, 30-pound, ABC-M5: Serviceability Standard (Change 1)	May 64
3-30-156	Grenade, Hand, Riot (CN), M25A1 and Grenade, Hand Riot (CN-1, DM-1 or CS-1) M25A2; Serviceability Standard	Nov 61

SUPPLY BULLETINS (SB)

3-30-165	Fuze, Igniting, Grenade, M201AL; Fuze Floating Smoke Pot, M207A1; Fuze, Floating Smoke Pot, M208; Fuze Floating Smoke Pot, Electric, M209; and Fuze, Incendiary M210; Serviceability Standard	Apr 57
3-30-173	Starter, Fire, M2; Serviceability Standard	Sep 57
3-30-228	Capsule, CN Pellet, CN, M2 CN Solution, CNB CN Solution CNC Chemical Agent, CS1; Serviceability Standard	Mar 65
3-30-277	Sulfur Trioxide Solution (FS); Titanium Tetrachloride, FM Serviceability Standard	Jun 64
3-30-284	Molasses RE Siduum, MR (Simulated Mustard); Serviceability Standard	Jun 64
3-41	Receipt, Storage, Issue and Disposal of: Rocket, Gas, 115mm, M55; Rocket, Training, Dummy, 115mm, M60 (E49); and Rocket, Practice, Simulant, EG, 115mm, M61	Oct 63
3-1055-1	Launcher, Rocket: 6mm, 4-tube XM202; Storage Serviceability Standard	May 71
3-1310-3	Cartridge, 40mm: Tactical, CS, SM651E1; Storage Serviceability Standard	Oct 71
3-1325-3	Fuze Assembly, Fire Bomb FMU-7A/B; Serviceability Standard	Jul 66
3-1325-4	Initiator Assembly, Fire Bomb FMU-7A/B; Serviceability Standard	Jun 66
3-1325-5	Cable Assembly, Fire Bomb FMU-7A/B; Serviceability Standard	Jun 66
3-1325-10	Bomb, Incendiary, PT1, 100-pound, AN-M47A4; Bomb, Smoke, PWP 100-pound, NA-M47A4; w/o Burster and Fuze; Serviceability Standard	Dec 66
3-1330-1-	Grenade, Hand, Smoke, WP M15; Serviceability Standard	Sep 68

SUPPLY BULLETINS (SB)

3-1330-2	Grenade, Hand and Rifle, Smoke, WP M34; Serviceability Standard	Sep 68
3-1330-3	Grenade, Hand: Colored Smoke, M18; Serviceability Standard	Aug 70
3-1330-11	Grenade, Hand, Riot, Pocket, CS, XM58; Storage Serviceability Standard	May 71
3-1340-10	Rocket, Incendiary, 66mm: TPA, 4-Round Clip, XM74; Storage Serviceability Standard	May 71
3-1365-2	Thickening Compound, Fuel: M1, M2 and M4; Storage Serviceability Standard (Change 1)	Feb 71
3-1365-11	Smoke Pots; Floating, SGF2, AN-M7 (MK5-MOD3) and AN-M7A1; Storage Serviceability Standard	Aug 71
3-1370-3	Starter, Fire, NP3, M2; Storage Serviceability Standard	Aug 71
742-1	Ammunition Surveillance Procedures	May 76
742-2	Grant Aid, Civilian Aid and Foreign Military Sales Program Standards for Class V Materiel; Ammunition Surveillance Procedures	Apr 72
742-1300-94-1	Toxic Munitions and Bulk Storage, GB, VX, H, HT, HD; Surveillance and Leakage Test Procedures, Ammunition Surveillance and Safety-in-Storage Procedures	Jan 77
742-1300-94-2	Charge, Propelling, Various and Propellant, Bulk Ammunition Surveillance Procedures	Nov 75
742-1305-1	Small Arms Tracer Ammunition Surveillance Function Test	Aug 69
742-1310-94-1	Cartridge, 40mm, Riot Control, CS, M674 and Cartridge, 40mm: Red Smoke, RS, M675; Ammunition Surveillance Procedures	Aug 74
742-1330-32	Fuze, Hand Grenade: Practice, M10 Series and M205 Series; Surveillance Function Test	Oct 71

SUPPLY BULLETINS (SB)

742-1330-38	Grenade, Hand: Illuminating, MK 1 Mods 1 and 2 w/fuze; Surveillance Function Test	Oct 71
742-1330-39	Grenade, Rifle: Smoke, Colored, M22 Series; Surveillance Function Test	Oct 71
742-1330-40	Grenade, Rifle: Smoke, Colored Streamer, M23 Series; Surveillance Function Test	Oct 71
742-1330-51	Fuze, Hand Grenade: M6 Series, M204 Series, M206 Series, M213 and M215 Surveillance Function Test	Oct 71
742-1330-94-3	Grenade, Hand: Colored Smoke, M18, Ammunition Surveillance Procedures	Oct 74
742-1330-94-7	Grenade, Hand: Smoke, HC, AN-M8, Ammunition Surveillance Procedures	Jun 73
742-1330-94-8	Grenade, Hand: Incendiary, TH3, AN-M14, Ammunition Surveillance Procedures	Jan 74
742-1330-94-12	Grenade, Hand: Riot Control, CN, M7; Grenade, Hand: Riot Control, CN, M7A1; Grenade, Hand: Riot Control, CS, ABC-M7A2; Grenade, Hand: Riot Control, CS, ABC-M7A3: Grenade, Hand: 8-12 Second Delay, CS M54; Ammunition Surveillance Procedures	Apr 73
742-1330-94-435	Grenade, Hand: Fragmentation, Delay w/Fuze; Ammunition Surveillance Procedure	Jan 73
742-1330-94-436	Grenade, Hand: Fragmentation, Impact, M26A2, M33A1, M57, M59, and M68 w/Fuze; Ammunition Surveillance Procedure	Dec 73
742-1336-92-001	Safety and Arming Device MK13 (1584366) for Guided Missile Intercept-Aerial MIM-72A/ MIM-72B (CHAPARRAL Air Defense Guided Missile System)	Oct 73
742-1336-92-002	Warhead MK48 (1569753) (2603815) (2605140) for Guided Missile Intercept-Aerial MIM-72A/ MIM-72B (CHAPARRAL Air Defense Guided Missile System)	Oct 73

SUPPLY BULLETINS' (SB)

742-1336-92-003	Warhead XM5E5 and XM10E2 for Guided Missile, Intercept-Aerial XMIM-23A (HAWK Air Defense Guided Missile System)	Dec 70
742-1336-92-004	Accumulator, Hydraulic Pneumatic, Squib Actuated for Guided Missile, Intercept-Aerial, XMIM-23A (HAWK Air Defense Guided Missile System)	Dec 70
742-1336-92-005	Accumulator Explosive Release Device for Accumulator 10103516 for Guided Missile Intercept-Aerial XMIM-23A (HAWK Air Defense Guided Missile System)	Dec 70
742-1336-92-006	Safety and Arming Devices XM32E6 for Guided Missile Intercept-Aerial XM3E1 (HAWK Air Defense Guided Missile System)	Dec 70
742-1336-92-007	Safety and Arming Device, M30A1 (NIKE HERCULES Guided Missile System and NIKE AJAX Guided Missile System)	Jun 74
742-1336-92-008	Warhead Section, HE, M135 and Warhead Assembly, HE for Guided Missile, Intercept-Aerial (NIKE HERCULES and Improved NIKE HERCULES Air Defense Guided Missile Systems and NIKE HERCULES Anti-tactical Ballistic Missile System)	Mar 74
742-1336-92-009	Rocket Motor Fins (FSN 1336-624-4520) (Guided Missile Intercept-Aerial MIM-14A, MIM-14B and MIM-14C (NIKE HERCULES Air Defense Guided Missile System)	Aug 73
742-1336-92-012	High Explosive Guided Missile Warheads M155 and M237 for Intercept-Aerial Guided Missile MIM-23B and IMI-23B (Improved HAWK Air Defense Guided Missile System)	Dec 76
742-1337-92-001	Rocket Motor MK50 (1569700) for Guided Missile Intercept-Aerial MIM-72A/MIM-72B (CHAPARRAL Air Defense Guided Missile System)	Oct 73
742-1337-92-003	Explosive Cartridge (10173287) for Guided Missile Launcher Helicopter Armament Sub-system M22	Jul 72

SUPPLY BULLETINS (SB)

742-1337-92-004	Igniter, Rocket Motor (9082119) for Guided Missile, Intercept-Aerial XM3E1 (HAWK Air Defense Guided Missile System)	Dec 70
742-1337-92-005	Initiator, Rocket Motor Igniter, XM40 for Guided Missile Intercept-Aerial XMIM23A (HAWK Air Defense Guided Missile System)	Dec 70
742-1337-92-006	Electric Power Unit (EPU) Igniter for Guided Missile Intercept-Aerial XMIM-23A (HAWK Air Defense Guided Missile System)	Dec 70
742-1337-92-007	Rocket Motor, XM22E8 (9082296) for Air Defense Guided Missile System (HAWK Air Defense Guided Missile System)	Dec 70
742-1337-92-008	Propellant Grain, Electrical Power Unit (EPU) for Guided Missile Intercept-Aerial XM3E1 (HAWK Air Defense Guided Missile System)	Dec 70
742-1337-92-009	Propulsion Section M103 Series for Surface Attack, Guided Missile XMGM-31A (PERSHING Artillery Guided Missile System)	Sep 71
742-1337-92-010	Propulsion Section XM101 Series for Surface Attack, Guided Missile XMGM-31A (PERSHING Artillery Guided Missile System)	Sep 71
742-1337-92-011	Igniters, Rocket Motor, M24, M65 and M69 for NIKE HERCULES Guided Missile System MIM-14A, MIM-14B and MIM-14C; NIKE AJAX Guided Missile System, MIN-3A (NIKE AJAX and NIKE HERCULES Air Defense Guided Missile Systems)	Jun 74
742-1337-92-012	Rocket Motor, M30A2, for Guided Missile Intercept-Aerial MIM-14A, MIM-14B and MIM-14C, Air Defense Guided Missile Systems (NIKE HERCULES, Improved NIKE HERCULES and ATBM NIKE HERCULES)	Jul 73
742-1337-92-013	Rocket Motor, M42 and Rocket Motor, M42A1 for Guided Missile Intercept-Aerial (NIKE HERCULES/Improved NIKE HERCULES and ATBM NIKE HERCULES Air Defense Guided Missile Systems)	Aug 73

SUPPLY BULLETINS (SB)

742-1337-92-015	Rocket Motor Igniter for Intercept-Aerial Guided Missile, MIM-23B (Improved HAWK Air Defense Guided Missile System)	Dec 76
742-1340-92-001	Rocket Motor, M37 Series for Rocket, 762mm: MGR-1B (M50) (HONEST JOHN Rocket System)	Jul 72
742-1340-92-002	Rocket Motor, M37 Series for Rocket, 762mm: MGR-1B (M50) (HONEST JOHN Rocket System)	Jul 72
742-1340-92-003	Rocket Motor, 762mm M3 Series for Rocket, 762mm: MGR-1A (M31) (HONEST JOHN Rocket System)	Jul 72
742-1340-92-004	Warhead Section, 762mm Rocket, Practice, M38 for Rocket, 762mm: MGR-1A (M31) and MGR-1B (M50) (HONEST JOHN Rocket System)	Jul 72
742-1340-92-005	Igniter, Rocket Motor, M35 Series for Rocket, 762mm: MGR-1A (M31) (HONEST JOHN Rocket System)	Jul 72
742-1340-92-006	Battery Support Assembly for Rocket, 762mm: MGR-1B (M50) (HONEST JOHN Rocket System)	Jul 72
742-1340-92-007	Charge, Spotting Rocket for Rocket 762mm: MGR-1A (M31) and MGR-1B (M50) (HONEST JOHN Rocket System)	Jul 72
742-1340-92-008	Igniter, Rocket Motor, M58 Series for Rocket, 762mm, MGR-1B (M50) (HONEST JOHN Rocket System)	Jul 72
742-1340-92-009	Pedestal, M3 Series for Rocket, 762mm: MGR-1B (M50) (HONEST JOHN Rocket System)	Jul 72
742-1340-94-301	Ammunition Surveillance Procedures: Inspection and Continuity/Resistance Test of Rocket Ammunition	Apr 74
742-1345-1	Mine, Antipersonnel: M2 Series with Fuze; Mine: Combination, M6A1; Surveillance Function Test	Mar 71
742-1345-47	Fuze, Mine: Combination, M6A1, Surveillance Function Test	Oct 71

SUPPLY BULLETINS (SB)

742-1345-50	Mine, Antipersonnel: M3 and Fuze; Mine, Combination, M7A1; Surveillance Function Test	Oct 71
742-1345-94-444	Mine, Antipersonnel: M16 Series with Fuze; Mine, Combination: M605; Surveillance Function Test, Ammunition Surveillance Procedure	Apr 72
742-1365-94-14	War Gas Identification Set Detonation, M1 and AN-M1A1; War Gas Identification Set, Instructional, M1; Set Gas, Toxic, M1 and M2	Apr 73
742-1370-3	Signal, Illumination, Ground: Green Star, Parachute, M19 Series; Surveillance Function Test	Jun 71
742-1370-4	Simulator, Projectile, Air Burst: M74 Series; Surveillance Function Test	Jun 71
742-1370-5	Signal Illumination, Marine: Two Star, Red, AN-M75; Surveillance Function Test	Jun 71
742-1370-6	Simulator, Projectile, Air Burst, M27A1B1; Surveillance Function Test	Jun 71
742-1370-7	Simulator, Projectile, Air Burst: M27; Surveillance Function Test	Aug 71
742-1370-8	Simulator, Projectile Air Burst: Charge, Smoke Puff; White; Surveillance Function Test	Oct 71
742-1370-9	Flare, Surface: Trip, M49; Surveillance Function Test	Aug 71
742-1370-10	Signal Illumination; Aircraft: Single Star; Red AN-M43A1, A2; Yellow AN-M44A1, A2 and Green, AM-M45A1, A2; Surveillance Function Test	Oct 71
742-1370-11	Signal Illumination, Aircraft: Double Star, Red-Red, AN-M37 Series; Double Star, Yellow-Yellow, AN-M38 Series; Double Star, Green-Green, AN-M39 Series; Double Star, Red-Yellow, AN-M40 Series; Double Star, Red-Green, AN-M41 Series; Double Star, Green-Yellow, AN-M42 Series; Surveillance Function Test	Aug 71

SUPPLY BULLETINS (SB)

742-1370-12	Signal, Illumination, Aircraft: Yellow Tracer, Red-Yellow Star, AN-M53 Series; Green Tracer, Red-Red Star, AN-M54 Series; Green Tracer, Green-Red Star, AN-M55 Series; Red Tracer, Green-Green Star, AN-M56 Series; Red Tracer, Red-Red Star, AN-M57 Series; Red Tracer, Green-Red Star, AN-M58 Series; Surveillance Function Test	Dec 71
742-1370-13	Detonation, Simulator, Explosive: M80; Surveillance Function Test	Oct 71
742-1370-14	Fusee, Warning, Railroad: Red, 20-minute, M72; Surveillance Function Test	Aug 71
742-1370-15	Signal, Illumination, Ground: Star Cluster, White, M18 Series; Green, M20 Series, Amber, M22 Series; Red, M52 Series; Surveillance Function Test	Aug 71
742-1370-16	Signal, Smoke, Ground: Red, M62; Yellow, M64; Green, M65; Surveillance Function Test	Aug 71
742-1370-17	Flare, Surface: Trip, Parachute, M48; Surveillance Function Test	Aug 71
742-1370-22	Signal, Smoke, and Illumination, Marine: AN-MK 13, Mod 0; Surveillance Function Test	Jul 71
742-1370-27	Simulator, Booby Trap: Flash, M117; Surveillance Function Test	Oct 71
742-1370-28	Simulator, Booby Trap, Illuminating, M118; Surveillance Function Test	Oct 71
742-1370-29	Simulator, Booby Trap: Whistling, M119; Surveillance Function Test	Oct 71
742-1370-30	Signal, Illumination, Ground: Star Cluster, Green, M125 Series; Red, M158; White, M159; Surveillance Function Test	Oct 71
742-1370-31	Signal, Illumination, Ground: Parachute, Red Star, M126 Series; White Star, M127 Series; Surveillance Function Test	Oct 71

SUPPLY BULLETINS (SB)

742-1370-33	Cartridge, Photoflash: M112 Series, 1, 2 or 4-Second Delay; Practice, M121 or M124; Surveillance Function Test	Sep 71
742-1370-37	Signal, Illumination, Red Star, Distress, Parachute, M131; Surveillance Function Test	Oct 71
742-1370-54	Signal, Smoke, Ground: Parachute, Green, M128 Series; Red, M129 Series; Surveillance Function Test	Oct 71
742-1370-94-418	Simulator, Projectile, Ground Burst: M115 Series, Ammunition Surveillance Procedure	Jun 72
742-1370-94-419	Simulator, Hand Grenade: M116 Series; Ammunition Surveillance Procedure	Jun 72
742-1370-94-442	Flare, Surface, Trip M49A1; Surveillance Function Test	Feb 72
742-1370-94-453	Signal, Smoke, Ground: White, M116; Green, M167; Red, M168; Yellow, M169; Ammunition Surveillance Procedure	Sep 72
742-1375-20	Igniter, Time Blasting Fuse: Weatherproof, M2; Surveillance Function Test	Oct 71
742-1375-21	Firing Device, Demolition: Delay Type, M1; Surveillance Function Test	Oct 71
742-1375-23	Charge, Demolition: Block, M3 or M5A1 and Charge Assembly, Demolition: M37 Series; Surveillance Function Test	Oct 71
742-1375-24	Firing Device, Demolition: M1 Series, Pressure Type; Surveillance Function Test	Oct 71
742-1375-25	Firing Device, Demolition: M1, Release Type and M5, Pressure Release Type; Surveillance Function Test	Oct 71
742-1375-26	Firing Device, Demolition: M1, Pull Type and M3, Pull-Release Type; Surveillance Function Test	Oct 71

SUPPLY BULLETINS (SB)

742-1375-41	Detonator, Percussion: M1A2, 15-Second Delay and M2A1, 8-Second Delay; Surveillance Function Test	Oct 71
742-1375-45	Igniter, Time Blasting Fuse: M1 Friction; Surveillance Function Test	Oct 71
742-1375-92-001	Explosive Bolt (10022224) for Guided Missile Launcher Helicopter Armament Subsystem M22	Jun 75
742-1375-94-3	Cryptographic Equipment Destroyer, Incendiary, TH1/TH4, M1A1, M1A2, and M2A1 Ammunition Surveillance Procedure	Mar 74
742-1375-94-4	Igniter Cylinder, Portable Flame Thrower, M1; Ammunition Surveillance Procedure	Mar 73
742-1375-94-5	Ammunition Surveillance Procedure; File Destroyer, Incendiary, ABC-M4	Jul 73
742-1375-94-6	Igniter, Document Destroyer, Incendiary, M25; Ammunition Surveillance Procedure	Aug 72
742-1375-94-434	Igniter, Time Blasting Fuse: Weatherproof, M60; Surveillance Function Test	Feb 72
742-1375-94-443	Cap, Blasting: Special, Nonelectric Surveillance Function Test	Feb 72
742-1375-94-452	Cap, Blasting: Electric; Surveillance Function Test	Feb 72
742-1390-94-300	Ammunition Surveillance Procedures; Mechanical Time and Mechanical Time Super Quick Fuzes, Torque Testing	Mar 73
742-1410-92-001	Guided Missile, Intercept-Aerial MIM-72A (1569726) and MIM-72B (2604974) and Guided Missile, Intercept-Aerial Trainer, M30 (1569729) (CHAPARRAL Air Defense Guided Missile System)	Oct 73
742-1410-92-002	Guided Missiles, AGM-22B (SS-11B1) and ATBM22B for Guided Missile Launcher Helicopter Armament Subsystem M22	Jul 72

SUPPLY BULLETINS (SB)

742-1410-92-003	Guided Missile Intercept-Aerial XMIM-23A (XM3E1) and Training Missile XMTM-23B (XM16) (HAWK Air Defense Guided Missile System)	Dec 70
742-1410-92-004	Surface Attack and Practice MGM-MTM-51 A, B and C Series Guided Missiles (SHILLELAGH Guided Missile System)	Jul 72
742-1410-92-005	Guided Missile Surface Attack, BGM-71A and Guided Missile Practice BTM-71A (TOW Heavy Antitank/Assault Weapon System)	Apr 73
742-1410-92-006	Guided Missile Main Assemblage: w/o Fuel; Main Assemblage, Guided Missile XM5; Main Assemblage, Training: XM6, Container, Shipping and Storage, Main Assemblage: M599; Control Surface, Guided Missile: XM29 and XM30 for Guided Missile, Surface Attack: XMGM-52C (LANCE Field Artillery Missile System)	Aug 73
742-1410-92-007	Missile Guidance Set AN/DJW-48 (XO-1) (LANCE Field Artillery Missile System)	Aug 73
742-1420-92-001	Target Detecting Device MK15 (TDD) (2238269) MK24 (2203339) for Guided Missile, Intercept-Aerial MIM-72A/ MIM-72B (CHAPARRAL Air Defense Guided Missile System)	Oct 73
742-1420-92-002	Guidance Section MK28 (1569570, 2604720, 2604665 for Guided Missile, Intercept-Aerial MIM-72A. MIM-72B (CHAPARRAL Air Defense Guided Missile System)	Oct 73
742-1420-92-003	Guidance Section AN/DJW-28 for Surface Attack, Guided Missile XMGM-31A (PERSHING Artillery Guided Missile System)	Sep 71
742-1420-92-004	Guided Missile Forward And AFT Body Section Shipping Kits 1420-624-4528, 1420-647-2601 and 1420-078-0418 (NIKE HERCULES and Improved NIKE HERCULES MIM-14A, MIM-14B, and MIM-14C Air Defense Guided Missile System)	Aug 73
742-1420-92-005	Shipping Kit, Main Fins (FSN 1420-647-2602) Guided Missile Intercept-Aerial MIM-14A,	

SUPPLY BULLETINS (SB)

742-1420-92-005	Shipping Kit, Main Fins (FSN 1420-647-2602) Guided Missile Intercept-Aerial MIM-14A, MIM-14B and MIM-14C (NIKE HERCULES Air Defense Guided Missile System)	Aug 73
742-1425-92-001	Guided Missile Intercept-Aerial System M41 (REDEYE Air Defense Guided Missile System)	Jul 73
742-1427-92-001	Guided Missile and Launcher, Surface Attack: XM222 and Guided Missile and Launcher, Surface Attack, Practice: SM223 (Dragon Medium Anti- tank/Assault Weapon System)	Jul 73
742-6135-92-001	Battery, Cipel (10021717) for Guided Missile, AGM22B and ATM22B Armament Subsystem M22	Jul 72
742-8140-92-001	Container Shipping and Storage, M409 (8140-647- 3236 and Container Shipping and Storage, M410) (8140-647-3235) (NIKE HERCULES Air Defense Guided Missile System)	Mar 74
742-9135-92-001	Propellant, Ethylene Oxide for Guided Missile Intercept-Aerial MIM-14A, MIM-14B and MIM-14C (NIKE HERCULES, Improved NIKE HERCULES, and ATBM NIKE HERCULES Guided Missile Systems)	Jul 73

MISCELLANEOUS

DARCOM-P	Index of Depot Maintenance Work Requirements	Feb 76
	DOD Index of Specifications and Standards PART I, Alphabetical Listing	
	PART II, Numerical Listing	
R.M. Graziano's TARIFF No. 29	Hazardous Materials Regulations of the Department of Transportation, Including Specifications for Shipping Containers	Dec 74
UCMJ	Uniform Code of Military Justice	
USARMCOM SOLDI 743-200-1	Index of Storage and Outloading Drawings for Conventional Ammunition and Chemical Ammunition	

SURVEILLANCE SPECIAL INSTRUCTIONS (SSI)

742-1300-94-2	Cluster, Bomb, Incapacitating BZ, 750 pound, M43 (without fuze, fin, and arming wire); cluster, generator: incapacitating BZ, BZ 175 pound, M44; and bulk BZ (Change 1)	Nov 75
742-1325-94-9	Cluster, bomb, nonpersistent gas GB, 1000 pound M34 and M34Al	Sep 72
742-1325-94-13	Bomb, gas, nonpersistent, GB, 750 pound (without fuze and burster) MC-1 and liquid agent spray tank, TMU 28/B with shipping and storage container, CNU-77/E23 (Change 1)	Jul 72
742-1325-94-19	Bomb, gas, nonpersistent, GB, 500 pound, MK 94 MOD 0 (without fuze and burster)	Feb 73
742-1325-94-20	Bomb, chemical, mark 116 Mod 0, GB filled (w/o fuze and burster)	Sep 72
742-1340-94-1	Warhead Section, 762mm, chemical agent GB, M190 and bomb, chemical agent: nonpersistent, GB, Spherical 4.5 inch, M139, Ammunition Surveillance Procedures	Jun 72
742-1340-94-11	Warhead Section, guided missile, gas, non-persistent, BG, M212, bomblet, gas, nonpersistent, GB, E139 and bomb, gas, nonpersistent, GB, BL419	Jul 72
742-1365-94-6	Training set chemical agent identification: M72	May 76
742-1365-94-10	Storage container, one ton, GB filled	Jan 73
742-1365-94-12	Bulk chemical agents: Lewisite, GA and AC	Feb 73
742-1365-94-13	Toxic Incapacitating and irritant agents (V, G, H, BZ, CN, CS, DM) Stored in concrete filled drums (research material)	Oct 72

APPENDIX B

SAMPLE SQT NOTICE

SQT NOTICE

TASK NUMBER	TASK
093-55X-3115	Prepare Ammunition Condition Report

In this unit, you must decide the type of ACR to be prepared, the correct quantities to be reported (such as, quantity defective), and what must be put in block 38 of the report. This unit has four questions. You must answer three of the four questions right to get a GO rating.

SAMPLE WRITTEN QUESTIONS FROM SCOREABLE UNITS

1. You are inspecting a storage building containing munitions and, during your inspection, you note that the previous Magazine/Site Inspection Report says that a lot number stored in the magazine is temporarily suspended, but the stack is not marked. After you confirm that the item is temporarily suspended from issue, you should mark the suspended lot number with a:
 - a. DD Form 1575, Suspended Tag—Materiel
 - b. DD Form 1575-1, Suspended Label—Materiel
 - c. DD Form 1577-1, Unsatisfactory Reparable Tag—Materiel
 - d. Wooden placard marked, “SUSPENDED”
 - e. Wooden placard marked, “ACC-J”
 - f. DA Form 3782, Suspended Notice

2. After attaching the blasting cap to the firing line, the splice should be insulated to lessen the chance of a shorted circuit. Which items may you use to insulate the splice? (MORE THAN ONE ITEM IS REQUIRED)
 - a. Electrical tape
 - b. Aluminum foil
 - c. Marking tape
 - d. Cardboard cap spool
 - e. Pressure-sensitive adhesive tape
 - f. Water-proofing compound

3. You are inspecting a railroad car loaded with M26 fragmentation grenades and 155MM White Bag Propellant Charges. You note that there are no placards on the outside of the car. Which of the placards below should you tell the crew-chief is needed for this railroad car?
 - a. Dangerous
 - b. Explosives
 - c. Explosive A
 - d. Explosive B
 - e. Explosive C

Table 4. Sample Inspection Acceptability Criteria Defective Acceptance Number

Sample Size	Critical	Major A	Defective Acceptance No. Major B	Minor
1-5	0	0	0	1
6-10	0	0	1	1
11-20	0	0	1	2
21-40	0	0	2	4
41-60	0	0	2	5

NOTES

1. Critical defective acceptance number is the maximum number of hazardous-type defects permitted in a sample.
2. Major A defective acceptance number is the sample's maximum number of mechanical or electrical inspection failures permitted which will cause item failure. This includes major dents, gouges, etc. on skirts and/or motor cases.
3. Major B defective acceptance number is the sample's maximum number of visual inspection defectives permitted which would cause failure or will materially reduce the usability of the product. This type defect is further defined as those which it is reasonable to assume are not prevalent throughout the lot/or stock. Examples: Loose, bent pins, bent connectors, loose screws, loose nut, minor gouges, dents, loose electrical connections, etc.
4. Minor defective acceptance number is the sample's maximum number of visual defects permitted in the sample which will not materially reduce the usability of the product.

4. Refer to Table 4. You have finished an inspection of 23 samples of Pershing Propulsion Section, XM 102, and must now evaluate the results of your inspection. What is the defective acceptance number for the samples you inspected? (MORE THAN ONE RESPONSE REQUIRED)
- a. 1 major A defective
 - b. 2 major A defectives
 - c. 1 major B defective
 - d. 2 major B defectives
 - e. 2 minor defectives
 - f. 4 minor defectives
 - g. 5 minor defectives

APPENDIX C

FM 9-55X 3/4 SOLDIER'S MANUAL

As the user of this manual, you are a vital member of our writing team. Please provide us your opinion and suggestions by filling out this questionnaire. Be sure to include your name, AUTOVON number, and unit so we can follow up on your suggestions.

UNIT ADDRESS _____

AUTOVON . _____

DUTY POSITION _____

NAME _____

TIME IN GRADE _____

RANK _____

TIME IN SERVICE _____

1. Are there any tasks that should be added? Yes No

2. Are there any tasks that should be dropped? Yes No

3. What would you do to improve the organization of the task list?

4. Did you have any trouble finding what you needed in this manual? Yes No

5. Did you have any trouble understanding the material in this manual? Yes No
If your answer is Yes, which part(s) was unclear?

6. Were the CONDITIONS the way you normally perform each task? Yes No

7. Did you disagree with any of the STANDARDS? Yes No

8. Did the TRAINING SECTION help you perform the tasks to the STANDARDS listed?
 Yes No

9. Did this manual help you to do a better job? Yes No

10. Did you find any errors?
If answer is Yes, please list.

HERE
STAPLE

HERE
STAPLE

Thank you for your time. Please remove this questionnaire, fold in half, staple, and drop in the mailbox.

14. Comments:

13. What would you do to improve this manual?

Yes No

12. Trainers Only: Did this manual help you improve the combat efficiency of your organization?

If your answer is Yes, which and why.

11. Should information from other publications be included in this manual? Yes No

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ARMY CORRESPONDENCE COURSE ENROLLMENT APPLICATION

For use of this form, see AR 351-20; the proponent agency is TRADOC.

DATE

DATA REQUIRED BY THE PRIVACY ACT

AUTHORITY: 10 USC 3012 (B) and (G)

PRINCIPAL PURPOSE: To obtain information necessary by Army schools to administer student participation in the Army correspondence course program.

ROUTINE USES: Used by Army schools to obtain basic data needed to determine eligibility for enrollment, process applications, maintain student records, and perform all other administrative functions inherent in student administration.

DISCLOSURE: Mandatory. Failure to provide this information could result in the applicant not being able to participate in the program.

SUBMIT ONE COPY. SEE INSTRUCTIONS ON REVERSE

1. THRU (Unit to which assigned)

SEQ NO
15
TRANS CODE
16

21	40
----	----

UNIT ADDRESS LINE 1 UNIT DESIGNATION (May not be left blank)

41	60
----	----

UNIT ADDRESS LINE 2 P.O. BOX OR STREET (May be left blank)

61	80
----	----

SEQ NO
15
TRANS CODE
16

UNIT ADDRESS LINE 3 CITY, POST OR APO STATE ZIP CODE

21	33	34	35	36	40
----	----	----	----	----	----

2. TO: (School address, including ZIP Code)

Army Correspondence Course Program (ACCP)
 US Army Training Support Center
 Newport News, VA 23628

3. FROM: (Mailing address to which subcourses are to be sent)

SEQ NO
15
TRANS CODE
16

LAST NAME - FIRST NAME - MIDDLE INITIAL

21	40
----	----

STUDENT ADDRESS LINE 1 UNIT DESIGNATION OR PO BOX OR STREET (May not be left blank)

41	60
----	----

STUDENT ADDRESS LINE 2 P.O. BOX OR STREET (If not given on Student Address, Line 1)

61	80
----	----

SEQ NO
15
TRANS CODE
16

STUDENT ADDRESS LINE 3 CITY, POST OR APO STATE ZIP CODE

21	33	34	35	36	40
----	----	----	----	----	----

4. I REQUEST ENROLLMENT IN: (Course title, MOS if applicable, or subcourses desired) (NOT FOR USE BY CGSO COURSE APPLICANTS)

NOTE: If you were previously enrolled in this course, indicate date of termination of enrollment.

If enrollment is for purpose of branch qualification, check here (Reserve Component officers only) YES

5. FILL IN ALL BLOCKS EXCEPT SHADED BLOCKS - SHADED BLOCKS ARE FOR SCHOOL USE ONLY.

SCHOOL CODE 1 3	RECORD CODE 1	STUDENT'S SSN 5 13			SEQ NO 15	TRANS CODE 16	ENR CODE 17	PHASE 19
COURSE NUMBER 20 22	23	SUBCOURSE SEQ CODE 28 29 31			NUMERIC GRADE 32 34	ENR VAR 35	GROUP NUMBER OR ID 36 38	
PERS CLASS 50	COMP CODE 51	BRANCH 53	RANK 54 56 58	BULK S/C REQD 59 61	REP QTY 62 63	CREDIT HOURS ACCUMULATED YEAR RYE 74 76 78 79 80		
RYE DATE DAY 64 65	MONTH 66 67	YEAR 68 69	DAY 70 71	MONTH 72 73	YEAR 74 75	DAY 76	MONTH 78	YEAR 79 80

DA FORM 145
1 DEC 75

REPLACES EDITION OF 1 JAN 69, WHICH IS OBSOLETE.

ARMY SCHOOL COURSES AND CORRESPONDENCE COURSES COMPLETED

SCHOOL	TITLE OF RESIDENT OR NONRESIDENT COURSE AND/OR INDIVIDUAL SUBCOURSES	CLASS NO OR SUBCOURSE NO.	DATE COMPLETED

The following will be completed by the commander subject to examination of applicant's personnel records. Completion of individual subcourses may be verified from completion certificates in possession of applicant if copies are not in personnel files.

7. I REALIZE I MUST COMPLETE THIS INSTRUCTION WITHIN THE TIME LIMITS ESTABLISHED BY THE SCHOOL COMMANDANT, AND I INTEND TO MEET THE REQUIREMENTS.

(Primary MOS Including Skill Level)

Grade 1

(Signature of Applicant) (Sign in Ink)

8. a. RECOMMEND APPROVAL YES NO

b. UNDER THE PROVISIONS OF AR 351-20 AND DA PAMPHLET 351-20 THE APPLICANT IS ELIGIBLE FOR ENROLLMENT IN COURSE(S) REQUESTED. YES NO

c. INFORMATION ENTERED ON APPLICATION IS COMPLETE, ACCURATE AND LEGIBLE

d. I HAVE COUNSELED THE APPLICANT THAT IT IS THE STUDENT'S RESPONSIBILITY TO COMPLETE WORK FOR WHICH ENROLLED WITHIN TIME LIMITS ESTABLISHED BY THE SCHOOL COMMANDANT.

9. NAME AND GRADE OF UNIT COMMANDER OR
OTHER APPROVING OFFICIAL (Item 1) SIGNATURE DATE

Information pertaining to enrollment qualifications, submission of applications and courses available are contained in AR 351-20, DA Pamphlet 351-20, and individual school catalogs.

INSTRUCTIONS TO APPLICANTS

Complete by legibly block printing only in areas that are not shaded. If additional space is required, attach separate sheets. DO NOT fill in shaded areas. Areas/blocks which contain hash marks may be used to keypunch data for use in automated systems; enter only one character per hashmark, e.g., 0 7 4 3 1 2 1 4 2 S S I G

ITEM 1. On the first line enter title of approving official; for example the word "Commander" if in military unit. Skip a block between the words; for example **COMMANDER**

State and Zip Code may be left blank if unit address line 3 contains an APO number. State is a two-letter abbreviation; for example, Virginia is VA, New York is NY.

ITEM 2. Applications will be addressed to appropriate school and, after verification, forwarded through channels prescribed in para 4, DA Pam 351-20.

ITEM 3. Skip a block between words as shown in example, Item 1 above. State and ZIP may be left blank if unit address line 3 contains an APO number. State is a two-letter abbreviation; for example, Virginia is VA, New York is NY.

ITEM 4. Enter title of course. On career development courses, include correct MOS and skill level with title. If selected sub-courses are requested, enter subcourse number(s) and title(s). Enrollment in CGSO Course is made by letter request to Comdt, USACGSC, ATTN: Registrar NRI, Ft Leavenworth, KS 66027.

Item 5. Student's SSN. SSN without dashes. Foreign students leave blank.

Pers Class. Civilian = C, General Officer = G, Commissioned officer = O, Warrant officer = W, Enlisted = E, Cadets = D and Foreign students = F.

Comp Code. Enter one of the following, for example, if R A Enl., enter 03.

01 - RA/AUS GO	08 - NGUS OFF/WO	16 - USAF
02 - RA/AUS OFF/WO	09 - USAR Enl	17 - USN
03 - RA/AUS Enl	10 - NGUS Enl	18 - USCG
04 - NGUS GO	12 - NDCC/ROTC/JR	19 - USMC
05 - USAR GO	13 - FGN MIL	20 - CADET
06 - RET GO	14 - US CIV	
07 - USAR OFF/WO	15 - FGN CIV	

Branch. Officers/WO enter branch. All others leave blank.

Rank. RA warrant officers and enlisted personnel who hold a Reserve commission enrolling in career development courses must enroll in their Reserve capacity. Enter grade (rank), for example, PFC, SSG, SGM, MAJ.

RYE DATE. USAR applicants not on extended active duty will enter the anniversary date of their retirement year, for example, 2 June = 0206. If unsure of this date see your company clerk.

ITEM 6. List all resident and nonresident courses and subcourses completed. If course completion certificate has not be issued, list individual subcourse(s) completed if administered in course for which application is submitted.

ITEMS 7, 8 and 9. Self-explanatory.

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DATE

This order blank will be used to order Soldier's Manuals that you need. After you fill out the form, fold along the dotted line so that your order is covered. Staple or tape together and mail. You don't need a stamp.

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